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Foreign Agricultural Service Washington D.C.



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GRAIN  
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NEAR RECORD 1962 WORLD

BREAD GRAIN CROP CONFIRMED

Revised estimates place 1962 world bread grain production at 297 million short tons, second only to the 1958 record. Latest information available to the Foreign Agricultural Service indicates a substantial increase in the 1962 world total since the first forecast. See Foreign Crops and Markets World Summaries, September 1962.

The increase is wholly in wheat, with the present estimate of 8,670 million bushels up 280 million bushels above the early forecast. Most of the increase is in Western Europe, especially France, and in the Soviet Union, where final outturns were larger than expected.

World rye production is now placed at 1,310 million bushels, the smallest outturn for many years. This is a reduction of 40 million bushels from the earlier forecast, all in the estimate for the Soviet Union.

A record wheat crop in Western Europe this year will greatly reduce import requirements for this marketing season. An increase of 340 million bushels over the 1961 outturn in this area would seem to limit import needs to the amount of strong wheats required for blending with weaker domestic wheats.

Asia's overall total is also high and 155 million bushels above the 1961 total. This will mean reduction in import requirements of some countries, though total imports will still be large. With Africa's total back to normal after the poor 1961 harvest, some reduction in imports can be expected there also.

As a result of reduced import requirements in a number of importing countries, world trade is expected to fall about 180 million bushels below the 1961-62 total of 1,734 million bushels.

- 2 -

U.S.S.R. (Europe and Asia) 6/





RYE: Acreage, yield per acre, and production in specified countries, year of harvest, average 1955-59, annual 1960-62 1/

Continent and country	Acreage 2/			Yield per acre 3/			Production		
	Average : 1955-59	1960	1,000 : acres	Average : 1955-59	1960	1,000 : acres	Average : 1955-59	1960	1,000 : acres
North America:									
Canada .....	576	540	561	668	16.3	18.6	11.6	18.9	6,519:
United States .....	1,729	1,684	1,550	2,014	15.6	19.6	17.7	20.4	27,476:
Total .....	2,305	2,224	2,111	2,682	15.8	19.4	16.1	20.1	33,995:
Europe:									
Austria .....	525	421	523	516	31.0	33.0	35.5	35.7	13,900:
Belgium .....	170	152	108	97	45.5	48.4	43.5	49.2	7,360:
Denmark .....	270	388	451	428	40.5	46.1	44.9	46.0	17,870:
Finland .....	217	274	232	202	22.9	26.8	21.6	19.8	7,330:
France .....	888	738	645	628	20.3	22.3	21.2	22.1	18,055:
Germany, West .....	3,634	3,253	2,922	2,696	40.5	45.9	33.8	43.2	147,130:
Greece .....	115	71	63	62	14.9	15.1	15.2	15.5	1,719:
Italy .....	178	155	150	138	23.5	23.7	25.7	26.5	4,190:
Netherlands .....	380	375	296	300	46.2	48.3	40.0	42.9	17,540:
Norway .....	2	3	2	2	33.0	50.0	55.0	47.5	66:
Portugal .....	636	664	618	642	11.3	6.9	7.4	9.7	7,185:
Spain .....	1,435	1,236	1,198	1,223	14.0	12.3	10.4	14.4	20,110:
Sweden .....	258	257	185	183	32.2	35.2	32.4	37.7	8,320:
Switzerland .....	31	35	30	34	44.6	42.3	52.7	46.8	1,382:
United Kingdom .....	22	19	18	18	37.1	37.9	37.9	40.0	816:
Estimated total Western Europe 5/	8,780	8,050	7,450	7,180	30.4	33.2	27.5	32.0	267,000:
Bulgaria .....	320	210	210	205	13.9	13.3	12.4	11.2	4,440:
Czechoslovakia .....	1,278	1,065	1,144	1,100	29.8	33.1	33.0	30.0	38,140:
Germany, East .....	2,672	2,339	2,038	2,050	30.4	33.3	29.1	31.7	81,152:
Hungary .....	1,019	744	662	575	18.1	18.8	17.7	15.7	18,410:
Poland .....	12,668	12,657	12,058	11,610	22.5	24.5	27.2	27.1	285,280:
Romania .....	395	242	222	190	15.1	16.8	18.5	15.8	5,960:
Yugoslavia .....	628	526	445	420	15.7	17.4	16.9	16.0	9,864:
Estimated total Eastern Europe 5/	19,010	17,820	16,810	16,190	23.3	25.4	26.8	26.9	443,000:
Estimated total all Europe 5/	27,790	25,870	24,260	23,370	25.5	27.8	27.0	28.5	710,000:
U.S.S.R. (Europe and Asia) 6/	44,735	40,030	41,300	41,800	14.2	13.0	14.5	12.9	635,000:
Asia:									
Turkey .....	1,611	1,425	1,500	1,525	15.0	16.5	16.0	16.1	24,086:
South America:									
Argentina .....	2,660	1,811	1,775	--	12.0	11.0	11.8	--	31,816:
Estimated world total 5/	79,480	71,740	71,310	71,560	18.1	18.5	18.8	18.3	1,440,000:
Estimated world total 5/	1,340,000	1,340,000	1,340,000	1,340,000	1,340,000	1,340,000	1,340,000	1,340,000	1,340,000

1/ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1962 is combined with preliminary forecasts for the Southern Hemisphere harvests, which begin late in 1962 and end early in 1963. 2/ Figures refer to harvested areas as far as possible. 3/ Yield per acre calculated from acreage and production shown. 4/ Revised estimates for Northern Hemisphere countries; for Southern Hemisphere countries, preliminary forecasts based largely on acreage and weather conditions to date. 5/ Estimated totals not shown. 6/ Tentative unofficial estimates for production.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.

Wheat production in North America is now estimated at 1,702 million bushels, well above the 1961 total of 1,570 million since recovery of Canada's crop more than offsets the reduction in the U.S. crop. Acreage is much smaller than in 1961 but yields are somewhat larger. Rye production is up in both the United States and Canada.

Western Europe's wheat production of 1,605 million bushels is unprecedented and 292 million bushels above the 1955-59 average. Increases over the small 1961 harvest are general but the gain in France is the outstanding one. A large acreage with record yields bring the crop to a record 510 million bushels and a surplus of about 150 million bushels is estimated.

Rye production of 230 million bushels in Western Europe is above the poor 1961 outturn but is still below average.

Wheat production in Eastern Europe is below the good harvest of 1961 but is above average. The rye outturn is moderately below the 1961 harvest and also below average.

The Soviet Union's wheat crop appears larger than a year earlier and above average because of a near-record acreage. The rye crop was less than in 1961 because of lower yields.

A record wheat crop of 2,020 million bushels in Asia resulted from large acreage and good yields. Africa's outturn of 210 million bushels contrasts with the poor 1961 crop of 160 million bushels because of higher production in North African countries.

The wheat crop in South America appears to be at the 1961 level while Australia's crop of 290 million bushels is well above. The high level is due to record acreage and above-average yields.







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FG 2-63  
April 1963

NEAR-RECORD 1962

WORLD CORN CROP ESTIMATED

Latest estimates available to the Foreign Agricultural Service bring the 1962 world production of dry corn slightly above the 1961 total and second only to the record outturn in 1960.

The current estimate of 7,455 million bushels is about 2 percent above the first forecast. See Foreign Crops and Markets, World Summaries issue, November 29, 1962. The increase from the earlier forecast stems mainly from revised figures for the United States and larger forecasts for Brazil and the Republic of South Africa. Those Southern Hemisphere countries are just beginning the corn harvest.

The present estimate for North America is 3,957 million bushels, 21 million above the 1961 figure. The U.S. production of 3,644 million bushels is the third largest of record. Yields were at an alltime high of 64.1 bushels per acre but acreage was the smallest for more than 80 years. The U.S. crop accounted for 92 percent of the North American total. Mexico's production was slightly smaller than in 1962 but was still well above average. Production of 32 million bushels in Canada was a near-record for that country.

Western Europe's total production, placed at 285 million bushels, is somewhat below the 1961 crop of 340 million. Reductions in Italy and France account for most of the decline. Those two countries normally produced about three-fourths of Western Europe's corn crop.

Production in Eastern Europe is estimated at 570 million bushels, little change from the 1961 level. A substantial decline in Rumania was offset by a larger crop in Yugoslavia.

The Soviet Union's production of dried corn is estimated at 450 million bushels, 10 percent below the 1961 harvest. Acreage was reported larger but yields appear to be considerably below the high level of the previous crop.



CORN: Acreage, yield per acre, and production in specified countries, year of harvest,  
average 1955-59, annual 1960-62 1/

Continent and country	Acreage 2/			Yield per acre 3/			Production		
	Average 1955-59	1960	1961	Average 1955-59	1960	1961	Average 1955-59	1960	1961
	acres	acres	acres	bushels	bushels	bushels	bushels	bushels	bushels
North America:									
Canada .....	516	514	400	59.7	57.1	73.0	30,780	29,337	29,208
El Salvador .....	431	385	--	14.5	17.2	14.6	6,240	7,100	5,700
Guatemala .....	1,549	1,610	1,540	11.3	12.4	13.3	17,500	20,000	20,500
Honduras .....	822	924	--	11.7	12.4	--	9,634	11,500	11,600
Mexico .....	14,292	13,750	15,790	13.3	15.5	13.9	190,630	213,500	220,000
Nicaragua .....	369	324	359	12.5	14.2	7.0	4,620	4,600	2,500
United States 5/ .....	66,409	71,649	56,449	48.7	54.5	62.0	3,234,891	3,908,070	3,625,530
Cuba .....	432	--	--	15.7	--	--	6,800	--	--
Estimated total 6/ .....	85,810	90,590	79,280	41.0	46.5	49.6	3,515,000	4,214,000	3,936,000
Europe:									
Austria .....	125	144	127	47.0	58.2	61.5	5,874	8,390	7,810
France .....	1,455	2,036	2,409	41.8	54.4	40.4	60,766	110,700	97,240
Greece .....	537	522	472	19.1	21.2	22.5	10,274	11,080	10,640
Italy .....	3,272	3,170	2,970	42.6	47.7	48.9	139,282	150,100	155,100
Portugal .....	1,187	1,157	1,223	15.0	15.9	20.3	17,772	18,400	24,880
Spain .....	934	1,058	1,104	11.087	37.8	38.0	32,179	40,000	42,000
Estimated total Western Europe 6/ .....	7,540	8,090	8,530	35.4	42.0	39.9	267,000	340,000	340,000
Albania .....	357	--	--	19.0	--	--	6,780	--	--
Bulgaria .....	1,787	1,853	1,945	22.6	25.0	21.3	40,340	46,400	41,500
Czechoslovakia .....	434	462	497	40.7	48.7	41.6	17,670	22,500	20,700
Hungary .....	3,194	3,462	3,310	36.2	39.9	32.3	115,600	138,000	107,000
Rumania .....	8,764	8,825	8,470	20.5	24.7	25.4	180,000	218,000	215,000
Yugoslavia .....	6,227	6,350	6,202	29.8	38.2	28.9	185,502	242,500	179,000
Estimated total Eastern Europe 6/ .....	20,910	21,370	20,870	26.3	31.6	27.6	550,000	675,000	575,000
Estimated total all Europe 6/ .....	28,450	29,460	29,400	28.7	34.5	31.1	817,000	1,015,000	915,000
U.S.S.R. (Europe and Asia) 7/ .....	11,925	12,500	17,800	26.8	24.0	28.1	320,000	300,000	500,000
Asia:									
Turkey .....	1,737	1,717	1,742	17.7	17.2	16.1	30,690	29,500	28,000
China .....	--	--	--	--	--	--	435,000	--	--
India .....	9,881	10,774	11,040	13.0	14.7	14.5	128,100	158,060	160,000
Pakistan .....	1,097	1,207	1,191	16.4	14.6	16.4	18,020	17,600	19,500
Indonesia .....	5,611	6,500	6,220	14.8	14.9	14.5	82,850	97,000	90,500
Japan 7/ .....	121	106	107	32.2	41.7	42.7	3,900	4,500	4,570
Philippines .....	3,889	5,054	4,977	9.8	9.4	9.4	38,190	47,600	47,020
Thailand .....	275	703	780	21.7	30.1	31.3	5,960	21,400	23,500
Estimated total 6/ .....	46,580	52,970	53,460	17.0	16.4	15.8	790,000	870,000	845,000





A larger crop in Asia maintains production well above average. A record harvest is reported for India and most countries of the area had above-average outturns.

Africa's production is estimated at a record total of 600 million bushels. Harvesting is getting under way in the Republic of South Africa and other Southern Hemisphere countries. Present forecasts for these countries will be subject to revision on the basis of harvest outturns.

Prospects for South America's harvest, now in progress, are favorable and a crop of over 700 million bushels is expected. The outlook is for large outturns in Argentina and Brazil, the leading producers.

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GRAIN  
FG 3-63  
April 1963

## GRAIN SUPPLIES REDUCED

### IN EXPORTING COUNTRIES

Grain supplies in the four principal exporting countries on January 1, 1963 were moderately below 1962 supplies, according to estimates of the Foreign Agricultural Service. This is the second reduction since the peak reached in 1961.

Aggregate stocks of wheat, rye, barley, oats, and corn in the four countries on January 1 are estimated at 245 million short tons, 10 million below the comparable total for 1962. Current supplies are 33 million tons below the record level of January 1, 1961. The reduction from a year ago is shared by all grains except oats, but the largest single reduction is in corn, reflecting the drop in U.S. corn stocks.

In addition to the five grains covered in this report, near-record U.S. stocks of sorghum add to the large grain surpluses in this country. Stocks on January 1 were about 29 million short tons, only slightly below record holdings a year earlier and 53 percent above the 1957-61 average. Sorghums are relatively unimportant in the other three exporting countries.

Compared with the January 1962 holdings, current grain supplies show a decrease of 4 percent. Reductions are reported for each of the countries except Canada where stocks are up significantly following larger crop outputs in 1962. Substantial increases in stocks of both wheat and oats result in a gain of 5 million tons in Canada's total stocks.

Wheat supplies in the four countries are estimated at 3 billion bushels compared with 3.1 billion a year earlier. Stocks of oats are 1.3 billion bushels, 100 million more than a year ago. Supplies of barley and rye are slightly smaller than last year and corn stocks are down some 280 million bushels.



GRAINS: Estimated stocks in principal exporting countries, January 1, 1945-1963 <sup>1/</sup>

Country and year	Wheat	Rye	Barley	Oats <sup>2/</sup>	Corn	Total
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	1,000 short tons
United States:						
Average 1945-49 .....	764	16	200	898	2,062	100,272
Average 1950-54 .....	1,040	16	196	856	2,582	122,344
1955 .....	1,481	26	285	967	2,849	147,242
1956 .....	1,567	29	307	1,039	3,074	157,886
1957 .....	1,489	19	292	788	3,408	160,242
1958 .....	1,385	20	361	925	3,594	166,206
1959 .....	1,820	25	396	1,039	3,868	189,732
1960 .....	1,875	20	361	766	4,344	199,362
1961 .....	2,068	26	358	852	4,687	216,228
1962 .....	1,983	19	336	775	4,495	206,346
1963 <sup>3/</sup> .....	1,813	24	341	778	4,222	193,910
Canada:						
Average 1945-49 .....	382	8	116	292	4/	19,432
Average 1950-54 .....	563	20	194	351	4/	28,073
1955 .....	740	28	225	290	4/	33,314
1956 .....	840	27	250	342	4/	37,770
1957 .....	970	20	274	485	4/	44,481
1958 .....	945	20	268	390	4/	41,972
1959 .....	870	13	267	365	4/	39,077
1960 .....	850	12	262	330	4/	37,734
1961 .....	935	14	248	350	4/	40,344
1962 .....	670	8	160	280	4/	28,924
1963 <sup>3/</sup> .....	760	9	171	410	4/	34,126
Argentina:						
Average 1945-49 .....	262	21	47	71	79	12,924
Average 1950-54 .....	217	32	36	68	35	10,338
1955 .....	325	30	55	50	30	13,550
1956 .....	260	30	55	55	25	11,540
1957 .....	300	40	67	85	40	14,208
1958 .....	265	33	50	80	45	12,614
1959 .....	290	35	50	60	60	13,520
1960 .....	260	38	52	70	55	12,772
1961 .....	195	22	40	65	25	9,166
1962 .....	210	21	38	60	45	10,020
1963 <sup>3/</sup> .....	180	10	20	35	35	7,700
Australia:						
Average 1945-49 .....	162	4/	13	29	4/	5,636
Average 1950-54 .....	209	4/	30	46	4/	7,726
1955 .....	245	4/	30	50	4/	8,870
1956 .....	280	4/	40	75	4/	10,560
1957 .....	207	4/	47	60	4/	8,298
1958 .....	132	4/	34	37	4/	5,368
1959 .....	220	4/	67	110	4/	9,968
1960 .....	245	4/	40	100	4/	9,910
1961 .....	315	4/	65	112	4/	12,802
1962 .....	255	4/	41	93	4/	10,122
1963 <sup>3/</sup> .....	250	4/	38	83	4/	9,740
Total:						
Average 1945-49 .....	1,570	45	376	1,290	2,141	138,264
Average 1950-54 .....	2,029	68	456	1,321	2,617	168,481
1955 .....	2,791	84	595	1,357	2,879	202,976
1956 .....	2,947	86	652	1,511	3,099	217,756
1957 .....	2,966	79	680	1,418	3,448	227,229
1958 .....	2,727	73	713	1,432	3,639	226,160
1959 .....	3,200	73	780	1,574	3,928	252,297
1960 .....	3,230	70	715	1,266	4,399	259,778
1961 .....	3,513	62	711	1,379	4,712	278,540
1962 .....	3,118	48	575	1,208	4,540	255,412
1963 <sup>3/</sup> .....	3,003	43	570	1,306	4,257	245,476

<sup>1/</sup> Data for Northern Hemisphere countries represent stocks remaining on January 1; estimates for Southern Hemisphere countries include the recently harvested new crop of small grains as well as carryover stocks of old grain on January 1. <sup>2/</sup> Canadian oats in bushels of 34 pounds; data for other countries in bushels of 32 pounds. <sup>3/</sup> Preliminary estimates. <sup>4/</sup> Production small and remaining stocks are of minor importance.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.



A country breakdown shows U.S. stocks of the five grains at 194 million short tons, a reduction of 12 million tons from a year ago and 22 million below the record stocks in January 1961. Corn stocks of 4.2 billion bushels are 6 percent below 1962 stocks on January 1 and wheat stocks of 1.8 billion bushels are down 9 percent. Supplies of rye, barley, and oats are slightly larger than a year ago.

Canada's total stocks, as estimated at 34 million short tons, are well above the 29 million tons now estimated for a year earlier. Wheat and oats account for most of the change. Canada's stock position has been revised back to 1957, in conformity with that country's recent intercensal revisions for Prairie Province acreage, production, etc.

Southern Hemisphere figures represent total supplies in the country, i.e. carryover of old grain, plus estimates for the entire harvest of small grains nearing completion in early January. Argentine corn, however, as is the case for all Northern Hemisphere grains, represents stocks of old grain on January 1 from previous harvests.

Total grain supplies in Argentina are down to 7.7 million short tons, smallest for many years and 2.3 million tons below the small 1962 supplies. Reductions are estimated for all grains but the largest single decline is in wheat, with a reduction of 30 million bushels.

Australia's grain supplies are also down, reflecting the heavy export movement, especially for wheat. Total grain supplies are estimated at 9.7 million short tons compared with 10.1 million on January 1, 1962 and the peak of 12.8 in 1961. Wheat supplies are estimated at 250 million bushels, only slightly less than a year earlier but sharply below the 315 million bushels on January 1, 1961. Both barley and oats supplies are the smallest since 1958.

UNITED STATES DEPARTMENT OF AGRICULTURE

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JUL 23 1963

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FG 4-63  
May 1963

## LARGER 1962 WORLD BARLEY

## AND OATS CROP CONFIRMED

Latest information confirms preliminary Foreign Agricultural Services estimates of a larger world production of barley and oats than in 1961. (See Foreign Crops and Markets, monthly supplement, October 1962.)

The combined production of the two grains is now estimated at 147 million short tons, 7 percent above the 1961 total and 3 percent above the 1955-59 average. The increase was entirely in barley for which production is at an all-time high; the current world estimate is 410 million bushels larger than the 1961 total and 610 million larger than the average.

The record barley total of 3,865 million bushels is mainly attributed to unprecedented outturns in Western Europe and the Soviet Union. World acreage was at a new high and record yields also contributed to the record harvest. The estimated world production of 3,405 million bushels of oats is at the 1961 level but 675 million bushels below the 1955-59 average. Acreage was down sharply from the 1961 level, especially in the Soviet Union. World acreage of 87 million acres contrasts with a 1955-59 average of 117 million acres. Reductions since that period are general but the Soviet cut in acreage is by far the largest. Reduction in world acreage was only slightly offset by larger yields.

North America's 1962 outturn of barley and oats was 39 million short tons, more than a fourth of the world total. Though larger than the 1961 crop, harvests of both grains were below average, because of reduced acreage. Barley production is estimated at 605 million bushels, well above the 1961 harvest in both the U.S. and Canada. Production of 1,531 million bushels of oats compares with 1,300 million a year ago and the 5-year average of 1,660 million.



BARLEY: Acreage, yield per acre, and production in specified countries, year of harvest,  
average 1955-59, annual 1960-62 1/

Continent and country	Acreage 2/			Yield per acre 3/			Production		
	Average : 1955-59	1960	1961	Average : 1955-59	1960	1961	Average : 1955-59	1960	1961
	1,000 : acres	1,000 : acres	1,000 : acres	1,000 : acres	1,000 : acres	1,000 : acres	1,000 : bushels	1,000 : bushels	1,000 : bushels
North America:									
Canada .....	8,956	6,857	5,529	5,287	26.6	28.1	238,000	193,000	112,640
Mexico .....	602	605	604	618	14.1	14.0	8,500	8,500	8,320
United States .....	14,391	13,939	12,946	12,443	29.5	30.9	424,448	431,309	395,669
Estimated total 5/ .....	23,950	21,400	19,080	18,350	28.0	34.5	671,000	633,000	517,000
Europe:									
Austria .....	419	517	464	477	40.8	52.3	17,110	27,050	23,500
Belgium .....	229	259	299	319	63.4	67.8	14,520	17,570	18,770
Denmark .....	1,692	1,868	1,975	2,048	65.1	68.8	110,090	128,600	129,000
Finland .....	518	525	497	508	29.0	38.5	15,010	20,200	16,800
France .....	4,452	5,161	5,582	5,308	44.4	50.9	197,890	262,500	248,600
Germany, West .....	2,142	2,421	2,768	2,813	52.1	61.1	111,700	147,900	125,000
Greece .....	491	448	456	453	22.3	23.9	10,950	10,700	10,800
Ireland .....	279	328	362	406	57.7	61.9	16,110	20,300	23,700
Italy .....	571	535	543	518	23.2	19.9	13,240	10,650	12,800
Netherlands .....	183	170	253	247	70.9	78.6	12,970	13,370	17,690
Norway .....	312	358	380	405	43.2	51.3	13,480	18,350	19,640
Portugal .....	370	296	314	358	10.4	7.8	3,850	2,300	2,400
Spain .....	3,785	3,529	3,583	3,484	21.8	20.4	82,470	71,930	80,100
Sweden .....	655	798	885	895	40.9	48.7	26,760	38,900	45,500
Switzerland .....	63	63	72	87	54.4	55.2	3,430	3,480	4,200
United Kingdom .....	2,611	3,372	3,828	3,980	56.8	58.7	148,200	198,000	232,100
Estimated total Western Europe 5/ .....	18,800	20,670	22,290	22,330	42.6	48.0	800,000	993,000	1,012,000
Bulgaria .....	656	726	650	650	28.6	31.4	18,770	22,800	20,000
Czechoslovakia .....	1,639	1,750	1,720	1,675	37.6	45.7	61,700	80,000	73,000
Germany, East .....	825	960	1,068	1,037	45.8	57.3	37,760	55,000	43,500
Hungary .....	1,172	1,256	1,289	1,345	31.8	36.1	37,280	45,300	45,200
Poland .....	1,857	1,774	1,680	1,640	28.9	33.8	53,630	60,000	61,500
Romania .....	781	657	702	620	21.7	28.3	16,940	18,600	21,500
Yugoslavia .....	923	897	917	867	23.7	27.1	21,890	24,300	26,000
Estimated total Eastern Europe 5/ .....	7,880	8,040	8,050	7,860	31.7	38.2	250,000	307,000	293,000
Estimated total all Europe 5/ ....	26,680	28,710	30,340	30,190	39.4	45.3	1,050,000	1,300,000	1,305,000
U.S.S.R. (Europe and Asia) 6/ .....	25,000	30,000	33,100	40,500	17.6	17.5	440,000	525,000	610,000
									720,000





O.

Continent and country	Acreage 2/				Yield per acre 3/				Production			
	Average : 1955-59 :	1960 :	1961 :	1962 4/ :	Average : 1955-59 :	1960 :	1961 :	1962 4/ :	Average : 1955-59 :	1960 :	1961 :	1962 4/ :
	acres :	acres :	acres :	acres :	Bushels :	Bushels :	Bushels :	Bushels :	bushels :	bushels :	bushels :	bushels :
North America:	1,000	1,000	1,000	1,000					1,000	1,000	1,000	1,000
Canada 5/	9,735	9,578	8,543	10,591	38.5	41.6	33.2	46.6	375,000	398,000	283,965	493,610
Mexico	231	272	210	220	23.0	22.1	23.8	25.0	5,308	6,000	5,000	5,500
United States	33,093	26,646	23,994	22,934	38.6	43.4	42.2	45.0	1,278,145	1,553,312	1,011,398	1,031,743
Estimated total 6/	43,060	36,500	32,750	33,750	38.6	42.7	39.7	45.4	1,660,000	1,960,000	1,300,000	1,531,000
Europe:												
Austria	447	397	384	372	53.1	59.4	60.2	61.6	23,740	23,600	23,100	22,900
Belgium	365	347	337	309	86.2	89.3	90.9	95.1	31,470	31,000	30,620	29,400
Denmark	575	490	483	404	89.1	95.7	97.6	104.0	51,210	46,900	47,120	42,020
Finland	1,111	1,212	1,169	1,127	43.3	63.0	55.5	37.7	48,160	76,400	64,830	42,500
France	4,424	3,526	3,562	3,363	50.7	53.4	50.1	53.3	224,270	188,400	178,500	179,100
Germany, West	2,211	1,847	1,787	1,990	70.8	81.2	73.8	80.8	156,630	150,000	131,800	160,700
Greece	355	315	324	323	31.0	32.7	32.6	33.3	11,000	10,300	10,550	10,740
Ireland	490	425	368	346	70.2	68.9	71.3	70.8	34,380	29,300	26,250	24,500
Italy	1,039	1,010	1,059	1,015	36.1	29.4	38.1	40.5	37,490	29,700	40,300	41,100
Luxembourg	49	40	--	--	59.0	75.0	--	--	2,890	3,000	--	--
Netherlands	368	282	305	293	87.3	94.4	97.4	108.0	32,140	26,630	29,710	31,650
Norway	157	161	153	131	59.4	73.9	78.2	51.9	9,320	11,970	6,800	6,800
Portugal	756	747	743	741	9.9	5.7	5.9	9.3	7,450	4,230	4,420	6,920
Spain	1,408	1,374	1,442	1,391	26.3	21.6	23.6	25.2	37,000	29,700	34,100	35,100
Sweden	1,299	1,378	1,405	1,297	45.2	58.8	66.4	57.3	58,750	61,000	93,300	74,360
Switzerland	48	35	37	36	80.2	94.9	88.4	88.1	3,650	3,320	3,270	3,170
United Kingdom	2,348	1,974	1,733	1,519	69.6	73.0	73.6	79.0	163,310	144,060	127,540	120,000
Estimated total 6/	17,450	15,560	15,340	14,700	53.6	57.2	56.1	56.8	935,000	860,000	860,000	835,000
Bulgaria	394	447	425	425	28.8	30.6	30.6	29.4	11,340	13,700	13,000	12,500
Czechoslovakia	1,290	1,245	1,150	1,150	50.2	56.2	57.4	52.2	64,800	70,000	66,000	60,000
Germany, East	1,152	890	866	815	57.9	73.0	68.1	69.9	66,740	65,000	59,000	57,000
Hungary	374	350	273	208	37.6	40.0	35.2	38.5	14,060	14,000	9,600	8,000
Poland	4,139	4,055	3,959	3,915	40.7	46.9	51.3	48.0	188,640	190,000	203,000	188,000
Rumania	833	670	602	428	27.6	29.3	31.4	26.9	22,960	19,600	18,900	11,500





Grain outturns were better than expected in Western Europe and the current estimate is 8 percent larger than the 1961 harvest. Barley production of 1,160 million bushels is the largest of record, contrasting with the 1955-59 average of 800 million. Four countries, France, West Germany, the United Kingdom, and Denmark account for 80 percent of the increase. Larger acreage and high yields in most countries contributed to the record outturn.

Acreage of oats in Western Europe was down 4 percent from last year and was 16 percent below the 5-year average. Yields were slightly larger than in 1961 and total production of 835 million bushels was only 25 million less than last year.

Eastern Europe's barley crop of 290 million bushels shows little change from the 1961 total. Oats production of 360 million bushels is 40 million below the 1961 total and also slightly below average.

The Soviet Union reports a substantial increase in barley production but a sharp cut in oats, compared with 1961. Acreage shifts are the outstanding features, with a 7.4 million acre increase in barley acreage and oats acreage reduced 8.6 million acres. This brings oats acreage to little more than half the 1955-59 average.

Outturns of these crops in Asia were slightly larger than a year ago. Barley production of 880 million bushels was up 45 million because of a slight increase in acreage and higher yields. Total production of oats is estimated at 105 million bushels, only slightly above the poor 1961 outturn.

Barley production in Africa is estimated at 120 million bushels. This is approaching average after the poor outturn a year ago. Oats production of 14 million bushels is slightly below average.

Production of these grains in South America is smaller than a year ago mainly because of poor outturns in Argentina. Both barley and oats harvests were down sharply because of drought in that country. Argentine barley is estimated to be less than half the below-average 1961 harvest. Oats production is about two-thirds of the poor 1961 crop.

Australia's coarse grain production is moderately smaller than last year's. Most of the reduction is in barley, down from 43 million bushels last year to 37 million mainly because of smaller acreage. Production of oats is slightly smaller despite increased acreage.







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Foreign Agricultural Service Washington D.C.



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JUL 30 1963

GRAIN  
FG 5-63  
July 1963

NEAR RECORD 1962 WORLD

CURRENT SERIAL RECORDS

CORN HARVEST CONFIRMED

Latest information available to the Foreign Agricultural Service confirms earlier forecasts of a near-record world corn crop in 1962. See World Agricultural Production and Trade, March 1963.

The current world estimate of 7,460 million bushels is second only to the record outturn in 1960 and is 15 percent above the 1955-59 average. The increase over the 1961 total is 30 million bushels, with decreases in Western Europe and the Soviet Union more than offset by gains in other continents.

In North America production of 3,958 million bushels was 30 million above the 1961 harvest. The principal increase was in the United States, where a crop of 3,644 million bushels was 18 million above the 1961 outturn, despite a substantial cut in acreage. Yields of 64.1 bushels per acre were an all-time high.

Production in Western Europe is still estimated at 285 million bushels compared with the record harvest of 340 million bushels in each of the previous 2 years. Acreage was less than a year ago and yields were lower. Substantial reductions in the production of France and Italy account for most of the decline from 1961.

Eastern Europe's production is now placed at 595 million bushels, 20 million above the 1961 crop. Though above average, this is somewhat below the bumper 1960 crop of 675 million bushels. Larger crops than in 1961 in Yugoslavia and Hungary more than offset a smaller harvest in Rumania.

Production of dried corn in the Soviet Union, as estimated at 450 million bushels, is 10 percent below the record outturn in 1961. Both acreage and yields were below the high level of 1961.



CORN: Acreage, yield per acre, and production in specified countries, year of harvest  
average 1955-59, annual 1960-62 1/

Continent and country	Acreage 2/			Yield per acre 3/			Production		
	Average 1955-59	1960	1961	Average 1955-59	1960	1961	Average 1955-59	1960	1961
	acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	bushels	bushels	bushels
<b>North America:</b>									
Canada .....	516	514	400	59.7	57.1	73.0	76.0	30,780	29,337
Mexico .....	14,292	13,750	15,790	13.3	15.5	13.9	13.6	190,630	213,500
United States 5/ .....	66,409	71,649	58,449	48.7	54.5	62.0	64.1	3,234,891	3,908,070
El Salvador .....	431	412	385	14.5	17.2	14.8	--	6,240	7,100
Guatemala .....	1,549	1,610	1,540	11.3	12.4	13.3	--	17,500	20,000
Honduras .....	822	924	--	11.7	12.4	--	--	9,634	11,500
Nicaragua .....	369	324	359	12.5	14.2	13.4	--	4,620	4,600
Cuba .....	432	--	--	15.7	--	--	--	6,800	--
Estimated total 6/ .....	85,810	90,590	79,280	41.0	46.5	49.7	50.8	3,515,000	4,214,000
<b>Europe:</b>									
Austria .....	125	144	127	47.0	58.3	61.5	56.7	5,874	8,390
France .....	1,455	2,036	2,409	41.8	54.4	40.4	33.5	60,766	110,700
Greece .....	537	522	481	19.1	21.2	22.1	23.9	10,274	11,080
Italy .....	3,272	3,150	3,170	42.6	47.7	48.9	43.8	139,282	150,100
Portugal .....	1,187	1,157	1,223	15.0	15.9	20.3	23.9	17,772	18,400
Spain .....	934	1,038	1,104	34.5	37.8	38.0	32.2	32,179	40,000
Estimated total Western Europe 6/ .....	7,540	8,090	8,540	35.4	42.0	39.8	35.8	267,000	340,000
<b>Europe:</b>									
Albania .....	357	--	--	19.0	--	--	--	6,780	--
Bulgaria .....	1,787	1,567	1,570	22.6	29.7	28.7	31.8	40,340	46,600
Czechoslovakia .....	434	462	497	40.7	48.7	41.6	--	17,670	22,500
Hungary .....	3,194	3,462	3,310	36.2	39.9	32.3	38.9	115,600	138,000
Rumania .....	8,764	8,825	8,470	20.5	24.7	25.4	23.6	180,000	215,000
Yugoslavia .....	6,227	6,350	6,202	29.8	38.2	28.9	32.9	185,502	242,500
Estimated total Eastern Europe 6/ .....	20,910	21,080	20,500	26.3	32.0	28.0	29.9	550,000	675,000
<b>Europe:</b>									
Estimated total all Europe 6/ .....	28,450	29,170	29,040	28.7	34.8	31.5	31.5	817,000	1,015,000
<b>U.S.S.R. (Europe and Asia) 7/.....</b>									
11,925	12,500	17,700	17,300	26.6	24.0	28.2	26.0	320,000	300,000
<b>Asia:</b>									
Turkey .....	1,737	1,717	1,742	17.7	17.2	16.1	15.6	30,690	29,500
China, Mainland .....	--	--	--	--	--	--	--	435,000	--
India .....	9,949	10,774	11,040	12.9	14.7	14.5	14.7	128,100	158,060
Indonesia .....	5,611	6,500	6,220	14.8	14.9	14.5	14.1	82,850	97,000
Japan 7/ .....	121	108	107	32.2	41.7	42.7	42.1	3,900	4,500
Pakistan .....	1,097	1,207	1,191	16.4	14.6	16.4	16.9	18,020	17,600
Philippines .....	3,889	5,054	4,977	9.8	9.4	9.4	9.7	38,190	47,600
Thailand .....	275	703	780	21.7	30.1	30.1	31.3	5,960	21,400
Estimated total 6/ .....	46,650	52,970	53,460	16.9	16.4	15.8	16.3	790,000	870,000
<b>Asia:</b>									
Estimated total all Asia 7/.....	11,925	12,500	17,700	26.6	24.0	28.2	26.0	320,000	300,000
<b>Asia:</b>									
Turkey .....	1,737	1,717	1,742	17.7	17.2	16.1	15.6	30,690	29,500
China, Mainland .....	--	--	--	--	--	--	--	435,000	--
India .....	9,949	10,774	11,040	12.9	14.7	14.5	14.7	128,100	158,060
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Pakistan .....	1,097	1,207	1,191	16.4	14.6	16.4	16.9	18,020	17,600
Philippines .....	3,889	5,054	4,977	9.8	9.4	9.4	9.7	38,190	47,600
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Estimated total 6/ .....	46,650	52,970	53,460	16.9	16.4	15.8	16.3	790,000	870,000
<b>Asia:</b>									
Estimated total all Asia 7/.....	11,925	12,500	17,700	26.6	24.0	28.2	26.0	320,000	300,000
<b>Asia:</b>									
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China, Mainland .....	--	--	--	--	--	--	--	435,000	--
India .....	9,949	10,774	11,040	12.9	14.7	14.5	14.7	128,100	158,060
Indonesia .....	5,611	6,500	6,220	14.8	14.9	14.5	14.1	82,850	97,000
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Pakistan .....	1,097	1,207	1,191	16.4	14.6	16.4	16.9	18,020	17,600
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Thailand .....	275	703	780	21.7	30.1	30.1	31.3	5,960	21,400
Estimated total 6/ .....	46,650	52,970	53,460	16.9	16.4	15.8	16.3	790,000	870,000
<b>Asia:</b>									
Estimated total all Asia 7/.....	11,925	12,500	17,700	26.6	24.0	28.2	26.0	320,000	300,000
<b>Asia:</b>									
Turkey .....	1,737	1,717	1,742	17.7	17.2	16.1	15.6	30,690	29,500
China, Mainland .....	--	--	--	--	--	--	--	435,000	--
India .....	9,949	10,774	11,040	12.9	14.7	14.5	14.7	128,100	158,060
Indonesia .....	5,611	6,500	6,220	14.8	14.9	14.5	14.1	82,850	97,000
Japan 7/ .....	121	108	107	32.2	41.7	42.7	42.1	3,900	4,500
Pakistan .....	1,097	1,207	1,191	16.4	14.6	16.4	16.9	18,020	17,600
Philippines .....	3,889	5,054	4,977	9.8	9.4	9.4	9.7	38,190	47,600
Thailand .....	275	703	780	21.7	30.1	30.1	31.3	5,960	21,400
Estimated total 6/ .....	46,650	52,970	53,460	16.9	16.4	15.8	16.3	790,000	870,000
<b>Asia:</b>									
Estimated total all Asia 7/.....	11,925	12,500	17,700	26.6	24.0	28.2	26.0	320,000	300,000
<b>Asia:</b>									
Turkey .....	1,737	1,717	1,742	17.7	17.2	16.1	15.6	30,690	29,500
China, Mainland .....	--	--	--	--	--	--	--	435,000	--
India .....	9,949	10,774	11,040	12.9	14.7	14.5	14.7	128,100	158,060
Indonesia .....	5,611	6,500	6,220	14.8	14.9	14.5	14.1	82,850	97,000
Japan 7/ .....	121	108	107	32.2	41.7	42.7	42.1	3,900	4,500
Pakistan .....	1,097	1,207	1,191	16.4	14.6	16.4	16.9	18,020	17,600
Philippines .....	3,889	5,054	4,977	9.8	9.4	9.4	9.7	38,190	47,600
Thailand .....	275	703	780	21.7	30.1	30.1	31.3	5,960	21,400
Estimated total 6/ .....	46,650	52,970	53,460	16.9	16.4	15.8	16.3	790,000	870,000
<b>Asia:</b>									
Estimated total all Asia 7/.....	11,925	12,500	17,700	26.6	24.0	28.2	26.0	320,000	300,000
<b>Asia:</b>									
Turkey .....	1,737	1,717	1,742	17.7	17.2	16.1	15.6	30,690	29,500
China, Mainland .....	--	--	--	--	--	--	--	435,000	--
India .....	9,949	10,774	11,040	12.9	14.7	14.5	14.7	128,100	158,060
Indonesia .....	5,611	6,500	6,220	14.8	14.9	14.5	14.1	82,850	97,000
Japan 7/ .....	121	108	107	32.2	41.7	42.7	42.1	3,900	4,500
Pakistan .....	1,097	1,207	1,191	16.4	14.6	16.4	16.9	18,020	17,600
Philippines .....	3,889	5,054	4,977	9.8	9.4	9.4	9.7	38,190	47,600
Thailand .....	275	703	780	21.7	30.1	30.1	31.3	5,960	21,400
Estimated total 6/ .....	46,650	52,970	53,460	16.9	16.4	15.8	16.3	790,000	870,000
<b>Asia:</b>									
Estimated total all Asia 7/.....	11,925	12,500	17,700	26.6	24.0	28.2	26.0	320,000	300,000
<b>Asia:</b>									
Turkey .....	1,737	1,717	1,742	17.7	17.2	16.1	15.6	30,690	29,500
China, Mainland .....	--	--	--	--	--	--	--	435,000	--
India .....	9,949	10,774	11,040	12.9	14.7	14.5	14.7	128,100	158,060
Indonesia .....	5,611	6,500	6,220	14.8	14.9	14.5	14.1	82,850	97,000
Japan 7/ .....	121	108	107	32.2	41.7	42.7	42.1	3,900	4,500
Pakistan .....	1,097	1,207	1,191	16.4	14.6	16.4	16.9	18,020	17,600
Philippines .....	3,889	5,054	4,977	9.8	9.4	9.4	9.7	38,190	47,600
Thailand .....	275	703	780	21.7	30.1	30.1	31.3	5,960	21,400
Estimated total 6/ .....	46,650	52,970	53,460	16.9	16.4	15.8	16.3	790,000	870,000
<b>Asia:</b>									
Estimated total all Asia 7/.....	11,925	12,500	17,700	26.6	24.0	28.2	26.0	320,000	300,000
<b>Asia:</b>									
Turkey .....	1,737	1,717	1,742	17.7	17.2	16.1	15.6	30,690	29,500
China, Mainland .....	--	--	--	--	--	--	--	435,000	--
India .....	9,949	10,774	11,040	12.9	14.7	14.5	14.7	128,100	158,060
Indonesia .....	5,611	6,500	6,220	14.8	14.9	14.5	14.1	82,850	97,000
Japan 7/ .....	121	108	107	32.2	41.7	42.7	42.1	3,900	4,500
Pakistan .....	1,097	1,207	1,191	16.4	14.6	16.4	16.9	18,020	17,600
Philippines .....	3,889	5,054	4,977	9.8	9.4	9.4	9.7	38,190	47,600
Thailand .....	275	703	780	21.7	30.1	30.1	31.3	5,960	21,400
Estimated total 6/ .....	46,650	52,970	53,460	16.9	16.4	15.8	16.3	790,000	870,000
<b>Asia:</b>									
Estimated total all Asia 7/.....	11,925	12,500	17,700	26.6	24.0	28.2	26.0	320,000	300,000
<b>Asia:</b>									
Turkey .....	1,737	1,717	1,742	17.7	17.2	16.1	15.6	30,690	29,500
China, Mainland .....	--	--	--	--	--	--	--	435,000	--
India .....	9,949	10,774	11,040	12.9	14.7	14.5	14.7	128,100	158,060
Indonesia .....	5,611	6,500	6,220	14.8	14.9	14.5	14.1	82,850	97,000
Japan 7/ .....	121								

Africa												
Morocco	1,147	1,005	1,000	1,112	10.1	15.7	7.1	12.3	11,622	15,750	7,100	13,700
U.A.R., Egypt	1,921	1,890	1,868	1,880	33.3	35.2	28.7	44.9	63,916	66,600	53,540	84,400
Angola	1,453	--	--	--	8.4	--	--	--	12,220	14,800	12,000	--
Congo (Leopoldville)	1,182	--	--	--	16.7	--	--	--	19,686	--	--	--
Kenya	500	--	--	--	26.2	--	--	--	13,110	--	--	--
Malagasy Republic	204	237	247	--	13.0	13.1	14.3	--	2,643	3,100	3,540	3,600
Federation of Rhodesia & Nyasaland	2,960	--	--	--	17.6	--	--	--	52,000	55,000	80,000	75,000
Former French West Africa	1,705	--	--	--	9.6	--	--	--	16,316	--	--	--
South Africa, Republic of	9,540	9,400	9,800	--	14.9	20.2	22.4	--	141,946	190,000	220,000	200,000
Estimated total 6/	28,750	29,430	29,800	30,160	16.0	18.5	18.6	19.9	460,000	545,000	555,000	600,000
South America:												
Argentina	5,855	6,781	6,845	--	29.7	28.0	30.7	--	173,710	190,000	210,000	180,000
Brazil	15,152	16,720	17,720	18,285	19.7	21.2	20.9	22.4	299,000	354,000	370,000	410,000
Chile	169	183	184	180	28.2	31.1	34.0	30.6	4,762	5,700	6,250	5,500
Colombia	1,585	1,767	1,754	1,705	19.0	19.2	16.5	17.6	30,170	34,000	29,000	30,000
Ecuador	481	517	--	--	12.3	12.2	--	--	5,900	6,300	5,700	5,900
Peru	605	626	626	626	19.1	21.3	21.4	22.0	11,530	13,340	13,400	13,800
Uruguay	777	683	660	655	8.9	12.6	9.2	9.6	6,920	8,600	6,100	6,300
Venezuela	702	984	960	--	19.1	17.6	14.6	--	13,380	17,300	14,000	21,000
Estimated total 6/	26,020	28,990	30,020	30,530	21.5	22.2	22.3	22.6	560,000	645,000	670,000	690,000
Oceania:												
Australia	180	185	211	221	31.7	35.0	35.3	34.4	5,700	6,200	7,450	7,600
New Zealand	6	8	7	8	55.3	62.5	58.6	58.8	332	500	410	470
Estimated total 6/	190	200	220	230	32.1	34.0	36.4	35.7	6,100	6,800	8,000	8,200
Estimated world total 6/	227,800	243,850	239,520	237,810	28.4	31.1	31.0	31.4	6,465,000	7,595,000	7,430,000	7,460,000

1/ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which follow; thus the crop harvested in the Northern Hemisphere in 1962 is combined with preliminary forecasts for the Southern Hemisphere harvest which began early in 1963. 2/ Figures refer to harvested area as far as possible. 3/ Yield per acre calculated from acreage and production data shown. 4/ Revised estimates for Northern Hemisphere countries; for the Southern Hemisphere, revised preliminary forecasts. 5/ New series covering corn for grain only. 6/ Estimated totals, which in the case of production are rounded to millions, include allowance for any missing data for countries shown and for other producing countries not shown. 7/ Dried corn only. 8/ Production on European holdings only. Allowances for native cultivation, not shown, are included in estimated total for Africa.

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Asia's corn production of 875 million bushels was a near record and 11 percent above the 1955-59 average. Acreage was well above average but yields were slightly below.

Production in Africa, as estimated at a record 600 million bushels, is 30 percent above the 1955-59 average. Increases are general throughout the area but the largest single gain is in the Republic of South Africa. Harvesting is being completed in that Southern Hemisphere country and the outturn is forecast at 200 million bushels despite dry weather during the growing season.

South America's total production is now estimated at 690 million bushels. This bumper crop is 20 million bushels above the estimate for 1961 and 130 million above the average. A record crop forecast for Brazil accounts for most of the increase. That country's forecast of 410 million bushels is 37 percent above the 1955-59 average and 11 percent above the large crop harvested last year. Increased acreage and larger yields combined to bring production to its peak.

Argentina's outturn is now placed at 180 million bushels, 30 million less than a year earlier. Yields are reported somewhat below average because of hot, dry weather during the crucial months of December and January. However, the late crop has had a better season and may partly offset low yields of earlier corn.

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October 1963

## NEAR RECORD 1963 WORLD

### BREAD GRAIN CROP FORECAST

Another near-record world breadgrain production is expected in 1963, according to preliminary information available to the Foreign Agricultural Service.

Production of wheat and rye, together, is forecast at 284 million short tons. This has been exceeded only in 1958 with a total of 303 million and in 1962 with a total of 297 million tons. World wheat production, as forecast at 8,325 million bushels is the third largest crop on record. Rye production continued its downward trend and is forecast at 1,225 million bushels, 15 percent below the 1955-59 average.

Present forecasts are tentative and subject to change as revised estimates become available for Northern Hemisphere countries and as crops develop in the Southern Hemisphere, where harvesting normally begins in November. Thus, growing conditions up to early December will play a large part in determining the final outturns in Argentina and Australia, the leading producers in the Southern Hemisphere.

Early estimates may be subject to more change than usual this year, especially in Western Europe where heavy rains beginning early in August have interfered with harvesting, and much sprouting in the fields has been reported. High moisture content of harvested grain is also reported.

It is still too early to get an adequate picture of how much actual loss of crop is involved but it is expected to be substantial and it seems definite that there will be large quantities of grain below milling standards. Therefore, larger wheat imports will be required in 1963-64. Import commitments for about 240 million bushels of Canadian wheat and flour and at least 58 million of Australian wheat to be shipped to the Soviet Union this season will also boost world wheat trade significantly.



WHEAT: Acreage, yield per acre, and production in specified countries, year of harvest,  
average 1955-59, annual 1961-63 1/

Continent and country	Acreage 2/			Yield per acre 3/			Production		
	Average : 1955-59	1961	1962	Average : 1955-59	1961	1962	Average : 1955-59	1961	1962
	1,000 : acres	1,000 : acres	1,000 : acres	1,000 : acres	Bushels :	Bushels :	1,000 : bushels :	1,000 : bushels :	1,000 : bushels :
North America:									
Canada .....	22,730	25,316	26,817	27,566	20.4	21.1	25.2	283,394	565,554
United States .....	49,128	51,551	43,576	44,501	22.3	24.0	25.1	1,095,357	1,092,562
Mexico .....	2,214	2,016	1,818	2,051	20.2	25.5	29.0	44,615	51,500
Estimated total 5/ .....	74,160	78,970	72,300	74,200	21.7	19.9	23.7	1,606,000	1,571,000
Europe:									
Austria .....	634	682	668	600	32.8	38.3	39.4	20,802	26,150
Belgium .....	498	510	516	495	53.6	52.0	56.4	26,672	26,540
Denmark .....	179	260	381	321	58.8	61.3	59.5	10,521	15,950
Finland .....	314	586	706	--	23.9	28.9	21.9	7,514	16,930
France .....	10,432	9,876	11,294	9,262	34.3	35.6	36.7	358,210	351,800
Germany, West .....	3,045	3,435	3,245	3,380	45.5	43.1	51.8	138,676	148,000
Greece .....	2,704	2,637	2,697	2,312	21.4	22.2	22.9	57,762	58,560
Ireland .....	361	345	319	229	42.3	50.0	51.4	15,279	17,250
Italy .....	12,145	10,738	11,257	11,011	27.2	28.4	26.7	329,880	305,000
Netherlands .....	250	304	328	312	57.2	58.2	67.6	14,294	17,700
Norway .....	35	24	24	25	32.4	41.7	31.2	1,134	1,000
Portugal .....	2,009	1,631	1,631	1,483	12.1	9.7	12.5	24,286	15,800
Spain .....	10,728	9,610	10,507	10,030	15.4	13.1	16.8	165,400	126,100
Sweden .....	831	679	776	619	33.7	43.9	41.3	28,030	29,840
Switzerland .....	243	272	268	274	44.7	40.1	36.5	10,860	10,900
United Kingdom .....	2,098	1,827	2,256	1,926	48.5	52.6	60.1	101,720	96,100
Estimated total Western Europe 5/ .....	46,560	43,470	46,930	42,990	28.2	29.1	34.4	1,313,000	1,265,000
Bulgaria .....	3,466	3,212	3,015	--	19.6	19.5	--	68,100	62,500
Czechoslovakia .....	1,818	1,589	1,658	--	30.0	37.8	36.4	54,500	60,000
Germany, East .....	1,026	932	1,045	--	41.1	41.0	--	42,160	38,200
Hungary .....	3,112	2,905	2,706	--	22.0	28.4	26.6	68,500	71,100
Poland .....	3,581	3,462	3,442	--	23.4	29.6	28.7	83,900	102,500
Rumania .....	7,302	7,337	7,518	--	16.2	19.8	--	118,600	145,000
Yugoslavia .....	4,750	4,843	5,090	--	21.5	24.1	23.6	102,000	116,500
Estimated total Eastern Europe 5/ .....	25,310	24,130	24,720	25,180	21.4	24.9	24.7	542,000	600,000
Estimated total all Europe 5/ .....	71,870	67,600	71,650	68,170	25.8	27.6	31.1	1,855,000	1,865,000
U.S.S.R. (Europe and Asia) 5/ .....	159,000	155,000	166,545	--	12.0	12.3	12.0	1,910,000	1,900,000

1/ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1963 is combined with preliminary forecasts for the Southern Hemisphere harvests which will begin late in 1963 and end early in 1964. 2/ Figures refer to harvested areas as far as possible. 3/ Yield per acre calculated from acreage and production data shown. 4/ Preliminary estimates for Northern Hemisphere countries; for Southern Hemisphere, preliminary forecasts based largely on acreage and weather conditions to date. 5/ Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown. 6/ Tentative unofficial estimates for production. 7/ Production on European holdings only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.



RYE: Acreage, yield per acre, and production in specified countries, year of harvest, average 1955-59, annual 1961-63 1/

Continent and country	Acreage 2/			Yield per acre 3/			Production		
	Average : 1955-59	1961	1962	Average : 1955-59	1961	1962	Average : 1955-59	1961	1962
	acres	acres	acres	Bushels	Bushels	Bushels	bushels	bushels	bushels
North America:									
Canada .....	577	561	625	652	11.6	19.3	9,362	6,519	12,044
United States .....	1,729	1,550	2,014	1,576	17.7	20.4	27,030	27,476	41,175
Total .....	2,306	2,111	2,639	2,228	16.1	20.2	36,392	33,995	53,219
Europe:									
Austria .....	525	523	516	455	31.0	35.5	16,254	18,590	18,420
Belgium .....	170	108	97	112	45.5	49.2	7,732	4,700	4,770
Denmark .....	270	451	430	272	40.5	44.9	10,946	20,240	20,200
Finland .....	217	232	202	222	21.6	19.8	4,969	5,000	3,990
France .....	888	645	526	560	20.3	26.6	18,055	13,660	14,000
Germany, West .....	3,634	2,922	2,696	2,822	40.5	43.3	147,130	98,900	116,630
Greece .....	115	63	63	51	14.9	15.1	1,719	960	950
Italy .....	178	147	138	148	23.5	25.7	4,190	3,775	3,660
Netherlands .....	380	296	264	261	46.2	50.6	17,540	11,850	13,350
Norway .....	2	4	4	4	33.0	55.0	66	110	160
Portugal .....	636	738	736	642	11.3	6.4	7,185	4,700	6,300
Spain .....	1,420	1,198	1,201	1,100	14.1	11.5	20,050	13,800	17,830
Sweden .....	258	185	186	103	32.2	39.4	8,320	7,290	6,890
Switzerland .....	31	30	36	37	44.6	50.0	1,382	1,500	2,130
United Kingdom .....	22	19	17	23	37.1	27.9	816	720	680
Estimated total Western Europe 5/:	8,760	7,570	7,120	6,810	30.5	32.3	267,000	205,000	230,000
Bulgaria .....	320	210	205	--	13.9	12.4	--	2,600	2,300
Czechoslovakia .....	1,278	1,144	1,088	--	29.8	33.0	--	37,750	36,080
Germany, East .....	2,672	2,038	2,005	--	30.4	29.1	--	81,152	59,200
Hungary .....	1,019	662	573	--	18.1	17.7	--	11,700	9,165
Poland .....	12,668	12,058	11,614	--	22.5	27.2	--	285,280	328,500
Rumania .....	395	222	191	--	15.1	18.5	--	5,960	4,100
Yugoslavia .....	628	445	437	--	15.7	16.9	--	9,864	7,500
Estimated total Eastern Europe 5/:	19,020	16,810	16,150	15,120	23.3	26.8	24.1	443,000	450,000
Estimated total all Europe 5/:	27,780	24,380	23,270	21,930	25.6	26.9	26.9	710,000	655,000
U.S.S.R. (Europe and Asia) 6/:	44,735	41,300	41,800	--	14.2	14.5	--	635,000	600,000
Asia:									
Turkey .....	1,611	1,500	1,525	--	15.0	16.0	--	24,086	24,600
South America:									
Argentina .....	2,660	1,775	--	--	12.0	11.8	--	31,816	20,900
Estimated world total 5/:	79,470	71,440	70,430	69,750	18.1	18.8	17.6	1,440,000	1,340,000
Estimated world total 5/:								1,245,000	1,225,000

1/ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1963 is combined with preliminary forecasts for the Southern Hemisphere harvests, which will begin late in 1963 and end early in 1964. 2/ Figures refer to harvested areas as far as possible. 3/ Yield per acre calculated from acreage and production data shown. 4/ Preliminary estimates for Northern Hemisphere countries, for Southern Hemisphere, preliminary forecasts based largely on acreage and weather conditions to date. 5/ Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown. 6/ Tentative unofficial estimates for production.

Lack of dry new crop wheat has made it necessary for a number of countries to import wheat for current milling needs this early in the season. France, normally not a significant importer of bread type wheat, has been one of the principal West European importers of this type early this season.

The outlook for world trade in coarse grains cannot be fully evaluated until the extent of actual wheat loss and damage is known. Low grade wheat is expected to be fed where possible, but present reports indicate that considerably amounts may not even be suitable for feed.

Near-record wheat supplies are available in North America, with a record supply in Canada, and the U.S. total exceeded only by the large supplies of the past 5 marketing years. Canada's supply of 1,185 million bushels would leave about 800 million bushels available for export, after allowance for domestic needs and carryover.

The U.S. supply of 2,328 million bushels is 4 percent below the July 1962 total and 12 percent below supplies at the beginning of the 1961-62 marketing season, when carryover stocks were at an alltime high. Domestic use for the current season in this country is estimated at 613 million bushels.

Total wheat production in North America is estimated at 1,887 million bushels, 175 million above the 1962 total and 281 million above the 1955-59 average. All countries of the area had good outturns. Canada's crop of 694 million is second only to the 702 million bushel harvest in 1952. The U.S. crop of 1,134 million bushels is 4 percent above the 1962 harvest but 7 percent below the average of the preceding 5 years. Acreage was much below average but yields were near-record. Mexico's production of 58 million bushels is an alltime high.

Rye production in North America is estimated at 43 million bushels, 10 million less than a year ago mainly because of a smaller U.S. crop.

Wheat production in Western Europe is tentatively forecast to be some 300 million bushels below the record crop in 1962. Both acreage and yields are smaller. The reduced acreage is mainly because of heavy winter damage and subsequent shift of wheat acreage to other grains. France was the country most affected, and acreage harvested there was down 2 million acres. After a late start in the spring, the outlook for Europe's crop was good until prolonged rains interrupted harvesting. This caused very high moisture content and sprouting of grain still in the fields. It is too early to have accurate estimates of actual losses but definite lowering of quality is indicated.

Rye production in Western Europe is estimated only slightly below the 1962 crop. Acreage was up in West Germany, the largest producer, and yields were slightly higher. The increase in that country, however, is offset by declines in many other countries.



Eastern Europe's wheat production is estimated at 645 million bushels, about 5 percent above the 1962 total. Both acreage and yields were larger.

This is an important rye producing area. Total production is now estimated at 363 million bushels, a 6 percent decline from the 1962 harvest. Acreage is reduced by a million acres, which accounts for the smaller crop.

Growing conditions over much of the Soviet Union were unfavorable and a substantial drop in the wheat production is estimated. The fourth successive year of drought in the New Lands area cut production of spring wheat, and yields of winter wheat were down in the important Ukraine region. A substantial reduction in the total outturn is estimated, though official estimates are not available.

Confirmation of the reduced output came with the announced purchase of about 240 million bushels of wheat including flour from Canada during the first half of September. This will mean a sharp increase in world trade during the current season.

Little change from the 1962 Soviet rye production is estimated at this time.

Wheat production is estimated at an alltime high in Asia. Crop outturns were up to or better than the large 1962 harvest in all areas, except Japan. Unfavorable growing conditions there reduced the crop from an expected 56 million bushels to 33 million. This, of course, increases import requirements; current estimates are that imports will total about 110 million bushels, an increase of 20 percent over the 1962-63 season.

Rye production in Asia is estimated at 28 million bushels, little change from a year ago. Turkey accounts for about 95 percent of Asia's total.

Africa's wheat production is slightly above the near-record crop in 1962. Acreage was larger but slightly below 1962 yields. Most of the increase in production is in Egypt.

South America's harvest will begin in November and the present outlook is for a moderately larger wheat crop than a year ago. The increase is mainly attributed to increased acreage in Argentina. Growing conditions from now to harvest time will determine rye final outturn. A larger Argentine rye crop is expected this year; the 1962 harvest was abnormally small.

Early season forecasts of a record wheat crop in Australia are not materializing. The present outlook is for a good harvest but well below the 307 million bushels harvested last year. If present prospects are maintained there would still be a good surplus available for export from

this country. In addition to usual markets, a recent contract with the Soviet Union calls for delivery of 58 million bushels of wheat, with an option on a further 5 or 6 million bushels.

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STOCKS SMALLER

Total July 1, 1963 grain stocks in the four principal exporting countries were 9 percent below the 1962 stocks, according to preliminary estimates of the Foreign Agricultural Service. This is the second successive reduction after the upward spiral beginning in 1953. The reduction stems from smaller stocks of corn and a lesser reduction in wheat stocks.

An estimated total of 136 million short tons of wheat, rye, barley, oats, and corn for the current season is 13 million below the total on July 1, 1962. Substantial reductions in corn and wheat stocks were partly offset by larger holdings of barley and oats. The largest reduction was in the United States though supplies were also down in Argentina and were slightly smaller in Canada. Australia shows the only increase, reflecting the record harvest in November/December 1962.

In addition to the 5 grains under consideration here, July 1 stocks of grain sorghum add another 19 million tons in the United States. This is a 10 percent decline from the high level of July 1962. Sorghum is of minor importance in Canada and Australia but growth is expanding in Argentina. Production is still, however, relatively small.

Although this is the second successive year of reduced stocks, supplies are still much above average, with large surpluses for export. Import requirements are expected to be large this season especially for wheat in the Soviet Union, Western Europe, Japan, and Mainland China.

The U.S. wheat supply at the beginning of the 1963-64 marketing season is estimated at 2,328 million bushels, 4 percent below the 1962-63 supply. Canada's supply is placed at 1,185 million bushels, an alltime record. This provides about 800 million bushels above needs for domestic use and for carryover. Australia's mid-year wheat stocks are estimated at 150 million bushels. This is well above average despite a continued heavy export movement.



GRAINS: Estimated stocks in principal exporting countries, July 1, 1945-1963

Country and year	Wheat	Rye	Barley	Oats 1/	Corn	Total
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	1,000 short tons
United States:						
Average 1945-49 .....	193	6	72	254	742	32,526
Average 1950-54 .....	524	8	74	249	1,256	56,872
1955 .....	1,036	16	131	303	1,601	84,348
1956 .....	1,033	17	117	346	1,740	88,530
1957 .....	909	7	127	240	1,965	89,374
1958 .....	881	10	168	324	2,091	94,474
1959 .....	1,295	13	196	366	2,188	111,038
1960 .....	1,314	10	167	267	2,522	118,596
1961 .....	1,411	14	153	325	2,816	130,442
1962 .....	1,322	8	124	277	2,473	116,536
1963 2/ .....	1,189	7	146	277	2,118	103,106
Canada:						
Average 1945-49 .....	155	4	41	100	3/	7,446
Average 1950-54 .....	345	14	100	135	3/	15,437
1955 .....	570	22	110	110	3/	22,226
1956 .....	620	20	130	150	3/	24,830
1957 .....	430	18	160	245	3/	21,409
1958 .....	435	14	140	185	3/	19,947
1959 .....	475	11	145	155	3/	20,673
1960 .....	545	10	140	130	3/	22,200
1961 .....	320	9	130	145	3/	15,437
1962 .....	590	6	70	110	3/	21,418
1963 2/ .....	520	5	103	180	3/	21,272
Argentina:						
Average 1945-49 .....	134	11	26	40	187	10,828
Average 1950-54 .....	107	16	21	39	91	7,334
1955 .....	165	10	25	25	85	8,610
1956 .....	130	25	30	35	125	9,380
1957 .....	160	25	30	50	95	9,680
1958 .....	175	16	25	35	190	12,178
1959 .....	160	20	25	30	200	12,040
1960 .....	140	20	22	23	140	9,576
1961 .....	100	10	20	40	140	8,320
1962 .....	70	10	15	20	145	7,120
1963 2/ .....	85	5	5	15	115	6,270
Australia:						
Average 1945-49 .....	75	3/	6	13	3/	2,602
Average 1950-54 .....	110	3/	9	20	3/	3,836
1955 .....	160	3/	6	32	3/	5,456
1956 .....	183	3/	14	50	3/	6,626
1957 .....	115	3/	20	32	3/	4,442
1958 .....	70	3/	14	12	3/	2,628
1959 .....	135	3/	30	75	3/	5,970
1960 .....	145	3/	12	45	3/	5,358
1961 .....	150	3/	25	40	3/	5,740
1962 .....	95	3/	15	35	3/	3,770
1963 2/ .....	150	3/	15	25	3/	5,260
Total:						
Average 1945-49 .....	557	21	145	407	929	53,402
Average 1950-54 .....	1,086	38	204	443	1,347	83,479
1955 .....	1,931	48	272	470	1,686	120,640
1956 .....	1,966	62	291	581	1,865	129,366
1957 .....	1,614	50	337	567	2,060	124,905
1958 .....	1,561	40	347	556	2,281	129,227
1959 .....	2,065	44	396	626	2,388	149,721
1960 .....	2,144	40	341	465	2,662	155,730
1961 .....	1,981	33	328	550	2,956	159,939
1962 .....	2,077	24	224	442	2,618	148,844
1963 2/ .....	1,944	17	269	497	2,233	135,908

1/ Canadian oats in bushels of 34 pounds; data for other countries in bushels of 32 pounds.  
2/ Preliminary estimates. 3/ Production small and remaining stocks believed negligible.

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Argentina is the only one of the four countries showing reduced wheat stocks. Though slightly above the total a year earlier, stocks were well below average on July 1.

Wheat import requirements are showing up unexpectedly large. The Soviet Union's poor crop is reflected in early-season commitments to buy large quantities in both Canada and Australia. The Canadian agreement for purchase of 240 million bushels during Canada's marketing year ending July 31, 1964, will boost that country's total exports to a new high. Another contract, between the Soviet Union and Australia is for wheat and flour totaling at least 58 million bushels, wheat equivalent, with an option to buy an additional 6 million. Thus, Australia's exports will also probably be a record in view of continued commitments to Mainland China.

Bad harvest weather in Western Europe with consequent losses and reduced quality is expected to enlarge that area's requirements substantially during the current season. It is too early to get a full evaluation of what this will mean in terms of increased import requirements, but the increase may be substantial inasmuch as quantities are expected to be below milling standards. Current reports indicate substantial deterioration of grain to the point that it is not even suitable for feed. If this is confirmed, it will mean a sizable increase in the feed grain market as well.

Other wheat exporting countries will have smaller supplies than a year ago and some will even be on a net import basis. France has been importing bread wheat in addition to usual requirements for imported durum. Syria's crop is reduced by almost half and exports will be small. Spain's crop is about 5 percent smaller and the country is expected to be on a net import basis again this year. Production in Italy is down more than 5 percent requiring net imports. Damage to Sweden's grain crop appears to have been heavy and import requirements will be larger than expected.

A regional breakdown of July 1 stocks shows the U.S. total grain stocks of 103 million short tons accounting for 76 percent of the total in the four countries. This is the smallest volume since 1958 and is 13 million tons less than on July 1, 1962. Most of the decline was in corn, with a drop of 10 million tons. Wheat stocks are down about 4 million tons but barley shows a small increase.

Grain stocks in Canada on July 1 are estimated at 21 million tons. Production of wheat and barley is well above the 1962 harvest and will bring supplies for the current season high. Production of oats for grain is smaller than a year ago but total supplies are up because of larger carry-over stocks.

Grain stocks in the 2 Southern Hemisphere exporting countries on July 1 are in a different category from those in North America. In Southern Hemisphere countries these are mid-season supplies which must cover all needs to the end of the current crop season and for carryover. Thus, stocks of small grains in Argentina and Australia are for consumption or export up to December 1 and corn to April 1 of the following year, the beginning of the new season. In contrast, July 1 stocks in North America approximate

the year end carryover of small grains. Stocks represent actual carryover into the new season in the United States, while in Canada the marketing season starts August 1. For corn, the U.S. marketing season begins October 1.

July 1 stocks in Argentina are the smallest of recent years, as estimated at 63 million short tons. Both wheat and corn stocks are well below average.

Australia's grain stocks, mainly wheat, total 5.3 million tons compared with 3.8 a year earlier. The heavy export movement is expected to reduce wheat stocks to a minimum by the end of the marketing season, November 30.

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## U.S. EXPORTS OF PREPARED AND MIXED FEEDS

### ALMOST DOUBLE RECORD OF 1961-62 <sup>1</sup>/

U.S. exports of prepared and mixed feeds from July 1962 through June 1963 totaled 907,000 short tons, surpassing the previous year's record of 492,000 short tons by almost 84 percent. This is especially noteworthy when compared with the 1959-54 average, which was only 99,000 tons.

This increase reflects such factors as a change in the mixing of formula feeds, expanding livestock numbers in many foreign countries and upward trends in consumer purchasing power and in per capita consumption of meat, eggs, and dairy products. Of the 1962-63 total, European countries took 55 percent and Asian 26 percent, while the Western Hemisphere market's share decreased to 19 percent. Exports to Africa and Oceania increased slightly but their share of the total exports is less than 1 percent.

Exports of fodders and feeds (including concentrates and by-products of the milling industry) constituted 65 percent of the total in 1962-63, and have increased more than any other class of feeds. Exports of products almost entirely of cereal origin (poultry feeds, wheat feeds, and dairy feeds) have increased substantially, but their percentage of total U.S. exported prepared and mixed feeds dropped to 35 percent.

Exports of prepared and mixed corn feeds (bran, gluten feed and meal, grits and cornmeal, cracked corn, hominy feed, and corn feed with added vitamins) are the largest among feeds made largely from grain. Exports increased from 56,000 tons in 1961-62 to 134,000 tons in 1962-63. Factors influencing this increase in exports of corn feeds are decreased production of these crops in many European countries and a change in mixing of formula feeds. European countries were again the leading markets in the fiscal year ending June 30, 1963, with principal markets Iceland, Netherlands and West Germany.

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<sup>1</sup>/ Prepared by Lawrence E. Hall, Agricultural Economist



Table 1.--FEEDS, PREPARED AND MIXED: U.S. exports by classification, average 1950-54, annual 1959-60 through 1962-63

Commodity	Average 1950-54	1959-60	1960-61	1961-62	1962-63
	Short tons	Short tons	Short tons	Short tons	Short tons
Corn feeds .....	15,000	66,071	38,210	55,982	133,501
Poultry feeds .....	29,000	115,558	117,591	118,891	125,650
Wheat feeds .....	4,000	59,015	36,631	30,341	46,767
Dairy feeds .....	4,000	4,509	6,761	7,572	7,869
Fodders and other feeds .....	47,000	173,401	199,264	279,122	593,526
Total .....	99,000	418,554	398,457	491,908	907,313

Table 2.--FEEDS, PREPARED AND MIXED: Total exports by areas, 1958-59 through 1962-63

Area	1958-59	1959-60	1960-61	1961-62	1962-63
	Short tons	Short tons	Short tons	Short tons	Short tons
Western Hemisphere	183,840	166,282	167,112	177,832	174,819
Europe .....	53,978	170,890	109,535	184,487	495,602
Asia .....	69,907	79,601	119,624	126,225	232,354
Africa .....	662	989	1,348	2,517	3,667
Oceania .....	298	792	838	847	871
Total .....	308,685	418,554	398,457	491,908	907,313

Prepared or mixed poultry feeds (mixed chicken feed, hen feed, laying mash, Quaker 20, turkey pellets, and feeds containing less than 100,000 units of penicillin or 100,000 units bacitracin per pound, or less than 1/10 gram of any other antibiotic per pound) represent the second most important item in exports of feeds made largely from grain. Shipments of these products increased steadily during the last 5 years--totaling 126,000 in 1962-63, compared with 29,000 tons in the 1950-54 average. Western Hemisphere countries continued to be the principal markets, although their percentage of the total decreased slightly. Exports to

European and Asian countries showed a moderate increase. Trinidad and Tobago, Mexico, and Jamaica continue to be the recipients of our largest shipments of poultry feeds.

Prepared or mixed wheat feeds (bran, cracked, and crushed wheat feed, middlings, red dog, shorts, mixed wheat feed, and wheat flakes, scalping and screenings) constitute the third most important group of exports of cereal origin. Shipments of these feeds increased from 30,000 tons in 1961-62 to 47,000 tons in 1962-63, with Japan continuing to be the largest buyer. The present fiscal year was the first time since 1959-60 that exports of these feeds have not declined.

Exports of prepared or mixed dairy feeds (calf meal, mixed cattle feed, Con-O-Mineral, cow feed, Hon-E-mix, and feeds containing less than 100,000 units of penicillin or 100,000 units of bacitracin per pound, or less than 1/10 gram of any other antibiotic per pound) in 1962-63 were slightly higher than those of the previous year. The bulk of exports continued to go to the Western Hemisphere markets even though these countries' share of the total declined moderately. This was made up by increased exports to European countries, of 53 percent over 1961-62 levels, with the largest share going to West Germany.

Exports of fodders and other feeds (including concentrates) not elsewhere classified have more than doubled over the previous year's. Feed-stuffs in this category include alfalfa meal and pellets; alfalfa protein; barley screenings; brewers' dried grain; dehydrated cereal grass feed; distillers' dried grains, grain chaff, hulls and screenings; malt sprouts; milo flour meal grits; oat blowings and clippings, and oat feed; rice bran, middlings, mill-feed, offal, shorts and middlings; rye mill feed and offal; sorghum meals; spent grain, and mash, dried; and those from a number of other products of vegetable origin.

Exports in 1962-63 totaled 594,000 tons compared with 279,000 in 1961-62, 122,000 in 1958-59, and 47,000 in the 1950-54 average. The greatest increase came in shipments to the European Economic Community (EEC) countries which totaled 92,000 tons in 1961-62 as compared with 312,000 tons in 1962-63. This increase in shipments to the EEC countries is largely caused by these countries' increased production of mixed feeds. This, in turn, was influenced largely by increased use of alfalfa meal and pellets which are manufactured from dehydrated alfalfa, and used extensively in poultry feeds as a supplement source of vitamin A, xanthophyll and protein. There was also a substantial increase in exports to the Asiatic countries, particularly to Japan, with a slight decrease in shipments to African and Western Hemisphere countries.

Table 3.--CORN FEED, PREPARED AND MIXED: U.S. exports by destination,  
year beginning July 1, 1958-1962

Destination	1958-59	1959-60	1960-61	1961-62	1962-63
	Short tons	Short tons	Short tons	Short tons	Short tons
Western Hemisphere:					
Canada .....	531	887	1,062	2,257	4,832
Mexico .....	170	320	144	383	65
Guatemala .....	10	--	2	--	--
Panama .....	--	2	--	--	--
Dominican Republic .....	--	--	6	--	--
Bermuda .....	3	15	33	30	62
Bahamas .....	1,589	324	403	241	329
Cuba .....	932	465	280	--	--
Jamaica .....	25	643	1,037	2,109	2,516
Leeward and Windward Islands .....	--	--	23	46	67
Barbados .....	--	250	1,126	2,287	479
Trinidad and Tobago .....	226	1,579	3,415	2,801	1,124
Haiti .....	--	50	--	--	--
Netherlands Antilles .....	--	57	23	586	524
French West Indies .....	--	14	--	2	17
Venezuela .....	--	--	90	61	10
British Guiana .....	--	20	73	--	--
Surinam .....	--	--	20	53	110
Uruguay .....	--	--	--	--	7
Total .....	3,486	4,626	7,737	10,856	10,142
Europe:					
United Kingdom .....	--	--	--	--	297
Iceland .....	8,013	10,522	12,289	14,635	17,093
Sweden .....	--	33	--	--	--
Denmark .....	--	447	--	--	--
Ireland .....	--	280	--	--	--
Netherlands .....	350	26,825	9,175	20,271	74,389
Belgium-Luxembourg .....	--	4,479	40	265	5,147
France .....	--	2,210	--	53	429
Germany, West .....	--	9,974	--	--	12,802
Switzerland .....	--	110	--	--	5,483
Italy .....	2,849	6,325	7,243	9,446	6,403
Greece .....	--	--	--	50	--
Spain .....	--	--	--	--	1,218
Total .....	11,212	61,205	28,747	44,720	123,261
Hong Kong .....	--	--	--	375	--
Philippines .....	--	225	123	--	10
Korea, Republic of .....	--	--	1,380	--	--
Japan .....	--	13	194	--	--
Ceylon .....	--	--	--	11	--
Singapore .....	--	--	--	--	80
French Pacific Islands .....	--	--	--	8	8
Trust Territory .....	--	2	6	--	--
New Guinea .....	--	--	7	--	--
Egypt .....	--	--	16	--	--
Liberia .....	20	--	--	12	--
Total .....	20	240	1,726	406	98
World total .....	14,718	66,071	38,210	55,982	133,501



Table 4.--POULTRY FEEDS, PREPARED AND MIXED: U.S. exports by destination, year beginning July 1, 1958-1962

Destination	1958-59	1959-60	1960-61	1961-62	1962-63
	Short tons	Short tons	Short tons	Short tons	Short tons
Western Hemisphere:					
Canada .....	128	151	172	384	428
Mexico .....	18,663	9,416	9,637	12,009	16,962
Guatemala .....	2,493	5,322	5,458	4,087	3,347
British Honduras .....	549	810	776	740	805
El Salvador .....	1,805	2,088	1,570	1,828	2,664
Honduras .....	148	142	317	361	308
Nicaragua .....	135	331	629	667	1,000
Costa Rica .....	10,400	11,485	4,519	4,618	5,180
Panama Republic .....	1,060	1,199	622	603	707
Canal Zone .....	--	10	--	--	39
Bermuda .....	5,493	5,253	5,714	6,125	5,838
Bahamas .....	3,395	5,475	5,184	5,391	5,838
Cuba .....	14,786	7,746	1,273	--	--
Jamaica .....	13,998	16,045	17,212	17,802	19,016
Haiti .....	305	352	380	407	344
Dominican Republic .....	1,016	915	560	801	1,977
Leeward & Windward Is. :	593	665	1,289	1,615	1,367
Barbados .....	2,861	2,890	3,328	3,178	3,163
Trinidad & Tobago .....	13,260	12,766	13,456	16,678	10,927
Netherlands Antilles ...:	8,658	9,536	6,582	6,161	5,609
French West Indies .....	55	143	124	177	156
Colombia .....	127	127	10,433	114	39
Venezuela .....	5,290	4,653	2,401	463	212
British Guiana .....	3,790	5,749	6,332	4,797	3,010
Surinam .....	902	1,711	2,655	2,779	1,953
French Guiana .....	--	243	--	--	--
Ecuador .....	410	679	653	898	463
Peru .....	43	--	20	110	41
Bolivia .....	42	--	76	180	644
Brazil .....	--	2	--	23	--
Chile .....	--	--	--	102	69
Others .....	--	--	8	--	--
Total .....	10,405	105,904	101,380	93,098	92,106
Europe:					
United Kingdom .....	--	--	--	--	518
Denmark .....	--	--	4	79	--
Iceland .....	202	2,452	2,287	3,758	3,956
Netherlands .....	--	26	--	2	635
Belgium-Luxembourg .....	--	6	--	--	658

(continued)

Table 4.--POULTRY FEEDS, PREPARED AND MIXED: U.S. exports by destination, year beginning July 1, 1958-1962 (Continued)

Destination	1958-59	1959-60	1960-61	1961-62	1962-63
	Short tons	Short tons	Short tons	Short tons	Short tons
Europe (Continued):					
Germany, West .....	55	--	2	137	592
Poland .....	--	154	950	530	--
Italy .....	29	1,476	1,626	1,324	2,105
Greece .....	40	--	6	80	136
Spain .....	--	--	79	372	369
Others .....	--	--	--	83	27
Total .....	326	4,114	4,954	6,365	8,996
Asia:					
Syria .....	--	25	20	200	502
Lebanon .....	513	1,816	3,541	6,114	8,877
Israel .....	86	76	91	139	48
Jordan .....	5	24	279	252	272
Kuwait .....	--	80	110	587	399
Saudi Arabia .....	--	--	102	45	154
Bahrein .....	25	--	--	--	5
Thailand .....	--	2	43	29	4
Vietnam, Laos & Cambodia:	--	30	--	--	--
Malaya .....	--	--	6	68	233
Philippines .....	1,064	1,110	674	326	238
Hong Kong .....	--	745	3,699	5,801	9,256
Japan .....	--	607	654	2,904	498
Nansei & Nanpo Islands :	--	20	25	--	--
Singapore .....	--	--	--	--	190
Others .....	--	--	202	303	37
Total .....	1,693	4,535	9,446	16,768	20,713
Others:					
Australia .....	--	2	32	31	--
French Pacific Islands :	204	264	378	381	362
Trust Territory of the Pacific .....	30	64	178	101	100
Libya .....	10	40	--	--	4
Ghana .....	35	--	265	423	182
Nigeria .....	50	--	20	5	25
Liberia .....	400	635	908	1,591	2,781
Belgian Congo .....	16	--	--	99	323
Other Africa .....	--	--	30	29	58
Total .....	745	1,005	1,811	2,660	3,835
World total .....	113,169	115,558	117,591	118,891	125,650

Table 5.--WHEAT FEEDS, PREPARED AND MIXED: U.S. exports by destination, year beginning July 1, 1958-1962

Destination	1958-59	1959-60	1960-61	1961-62	1962-63
	Short tons	Short tons	Short tons	Short tons	Short tons
Western Hemisphere:					
Canada .....	17	122	438	104	303
Mexico .....	31	--	4	6	--
Guatemala .....	--	52	502	1,118	1,590
British Honduras .....	--	--	18	46	68
El Salvador .....	--	75	251	547	816
Nicaragua .....	--	6	10	107	--
Costa Rica .....	20	72	321	499	538
Panama Republic .....	80	--	11	--	10
Bermuda .....	30	30	299	406	74
Bahamas .....	5	11	38	--	55
Cuba .....	6	348	--	--	--
Jamaica .....	132	110	693	1,379	1,221
Haiti .....	--	--	57	34	11
Dominican Republic .....	72	15	33	19	199
Barbados .....	--	935	--	304	50
Trinidad and Tobago .....	85	373	118	56	282
Netherlands Antilles .....	195	350	1,009	1,908	2,212
Colombia .....	--	--	--	251	303
Venezuela .....	193	389	405	1,343	1,268
Surinam .....	6	84	49	107	39
Ecuador .....	20	151	575	976	233
Peru .....	1,646	--	--	54	41
British Guiana .....	--	--	--	--	48
Others .....	--	--	26	27	53
Total .....	2,538	3,123	4,857	9,291	9,414
Europe:					
Cyprus .....	--	--	--	--	123
Iceland .....	100	151	--	--	--
Netherlands .....	--	2,905	580	--	2,618
Greece .....	--	--	--	12	--
Spain .....	--	--	--	--	49
Total .....	100	3,056	580	12	2,790
Ceylon .....	--	--	--	--	142
Hong Kong .....	551	--	--	--	333
Japan .....	49,883	52,836	31,190	21,023	34,088
Others .....	--	--	4	15	--
World total .....	53,072	59,015	36,631	30,341	46,767



Table 6.--DAIRY FEEDS, PREPARED OR MIXED: U.S. exports by destination,  
year beginning July 1, 1958-1962

Destination	1958-59	1959-60	1960-61	1961-62	1962-63
	Short tons	Short tons	Short tons	Short tons	Short tons
Western Hemisphere:					
Canada .....	193	332	364	1,249	861
Mexico .....	754	156	506	495	278
Guatemala .....	63	110	233	50	27
British Honduras .....	50	--	2	--	20
El Salvador .....	134	234	193	238	212
Honduras .....	--	--	--	--	6
Nicaragua .....	21	24	109	46	63
Costa Rica .....	394	216	511	293	614
Panama .....	43	82	88	226	111
Bermuda .....	268	30	144	101	219
Bahamas .....	414	395	321	463	553
Cuba .....	579	204	72	--	--
Jamaica .....	276	128	100	123	271
Haiti .....	--	10	9	54	--
Dominican Republic .....	29	61	33	78	50
Leeward and Windward Islands .....	30	--	--	--	2
Barbados .....	181	598	488	485	293
Trinidad and Tobago .....	256	218	346	238	169
Netherlands Antilles .....	779	353	300	238	277
French West Indies .....	--	--	--	4	20
Colombia .....	110	--	100	35	8
Venezuela .....	223	328	207	359	145
British Guiana .....	48	4	24	181	120
Surinam .....	51	28	114	120	54
Ecuador .....	25	--	--	8	--
Peru .....	40	10	29	3	10
Others .....	--	--	2	20	10
Total .....	4,961	3,521	4,295	5,107	4,393
Europe:					
Iceland .....	330	--	910	983	440
Denmark .....	400	--	1,079	--	67
Belgium-Luxembourg .....	--	559	--	21	--
Germany, West .....	--	--	--	665	1,431
Italy .....	275	373	364	266	425
Greece .....	--	6	--	9	18
Netherlands .....	--	--	--	--	173
Spain .....	--	--	19	14	346
Switzerland .....	--	--	--	--	89
Others .....	--	5	21	--	--
Total .....	1,005	943	2,393	1,958	2,989
Arabia .....	--	--	--	--	16
Lebanon .....	--	--	13	198	177
Syria .....	--	--	--	--	8
Kuwait .....	--	--	--	106	--
Thailand .....	--	--	--	--	60
Philippines .....	34	43	21	67	--
Japan .....	--	--	--	89	10
French Pacific Islands .....	41	2	32	6	15
Saudi Arabia .....	--	--	--	--	75
Malaya .....	--	--	--	--	36
Hong Kong .....	--	--	--	--	35
Others .....	--	--	7	41	55
Total .....	75	45	73	507	487
World total .....	6,041	4,509	6,761	7,572	7,869



Table 7.--FODDERS AND FEEDS, n.e.c.: U.S. exports by destination,  
year beginning July 1, 1958-1962

Destination	1958-59	1959-60	1960-61	1961-62	1962-63
	Short tons	Short tons	Short tons	Short tons	Short tons
Western Hemisphere:					
Canada .....	33,039	19,281	18,680	26,789	22,337
Mexico .....	8,449	6,160	5,200	5,852	5,143
Guatemala .....	587	654	918	545	1,138
British Honduras .....	20	12	--	--	7
El Salvador .....	154	747	215	479	1,162
Honduras .....	102	124	62	86	109
Nicaragua .....	39	75	33	422	93
Costa Rica .....	155	672	191	146	641
Panama .....	461	415	815	1,065	861
Canal Zone .....	16	90	--	4	30
Bermuda .....	808	1,336	937	551	1,965
Bahamas .....	625	629	564	639	754
Cuba .....	6,187	2,573	824	--	--
Jamaica .....	1,726	2,180	3,345	2,101	3,080
Haiti .....	50	74	102	87	61
Dominican Republic .....	227	131	100	105	324
Leeward & Windward Is. :	32	10	105	39	90
Barbados .....	418	909	500	751	833
Trinidad and Tobago .....	1,690	3,892	6,384	5,297	5,548
Netherlands Antilles ...:	1,072	1,368	901	317	542
Colombia .....	8	22	147	417	1,150
Venezuela .....	6,064	6,851	8,009	12,634	11,979
British Guiana .....	130	137	125	150	163
Surinam .....	57	84	178	185	233
Ecuador .....	148	278	259	67	113
Peru .....	157	157	114	320	256
Brazil .....	29	204	87	202	65
Chile .....	--	--	20	161	9
Others .....	--	43	28	69	78
Total .....	62,450	49,108	48,843	59,480	58,764
Europe:					
Iceland .....	1,856	992	179	36	14
Sweden .....	232	433	209	286	801
Norway .....	14	163	107	102	6,763
Denmark .....	2,967	4,907	2,182	14,570	6,531
United Kingdom .....	26,662	33,791	29,210	21,979	15,220
Ireland .....	559	330	1,624	24	43
Netherlands .....	1,445	15,888	20,006	38,191	185,016
Belgium-Luxembourg .....	676	18,818	6,606	13,577	38,744
France .....	1,237	6,888	6,807	15,461	35,758

Table 7.--FODDERS AND FEEDS, n.e.c.: U.S. exports by destination.  
year beginning July 1, 1958-62 (Continued)

Destination	1958-59	1959-60	1960-61	1961-62	1962-63
	Short tons	Short tons	Short tons	Short tons	Short tons
Europe (Continued):					
Germany, West .....	1,056	12,974	2,758	18,568	30,329
Austria .....	--	75	--	60	--
Switzerland .....	13	24	11	632	5,020
Finland .....	13	45	62	103	134
U.S.S.R. ....	56	27	--	--	--
Spain .....	79	2,582	45	806	5,719
Portugal .....	5	--	5	--	48
Italy .....	4,462	3,614	2,849	6,614	21,699
Greece .....	3	21	201	252	293
Poland .....	--	--	--	167	--
Yugoslavia .....	--	--	--	--	5,434
Others .....	--	--	--	4	--
Total .....	41,335	101,572	72,861	131,432	357,566
Asia:					
Turkey .....	--	--	71	171	375
Lebanon .....	269	277	260	316	138
Iran .....	5	5	12	--	85
Israel .....	53	135	414	282	296
Kuwait .....	--	2	22	21	53
Saudi Arabia .....	--	--	--	2	50
Jordan .....	--	--	--	--	100
Pakistan .....	--	12	6	--	6
India .....	--	--	--	--	72
Thailand .....	7	39	93	79	116
Malaya and Singapore ...	47	53	121	401	727
Philippines .....	915	724	897	920	568
Macao .....	--	--	54	--	--
Korea .....	22	141	56	6	--
Hong Kong .....	1,084	1,172	2,016	3,099	4,145
Taiwan .....	--	25	60	7	--
Japan .....	15,321	19,345	73,149	82,150	169,653
Nansei and Nanpo Islands:	23	9	8	11	39
Others .....	--	10	18	123	93
Total .....	17,746	21,949	77,257	87,588	176,516
Africa:					
Congo (Leopoldville) ...	5	27	--	74	38
Liberia .....	96	43	61	96	50
Libya .....	10	34	8	83	65
Others .....	10	13	26	64	141
Total .....	121	117	95	317	294
Australia and other					
Oceania .....	33	655	208	305	386
World total .....	121,685	173,401	199,264	279,122	593,526





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## WORLD BARLEY-OATS

### PRODUCTION SMALLER

The 1963 world production of barley and oats was a million short tons smaller than the 1962 total, but was still above the 1955-59 average, according to preliminary estimates of the Foreign Agricultural Service. A continuing downward trend in oats more than offset a substantial increase in world barley production.

Combined production of these grains for the current season is forecast at 147 million short tons, compared with a near-record 148 million last year and the 1955-59 average of 143 million. Compared with last year's total, world barley production was up 2.8 million short tons and the oats crop was down 3.8 million.

The world barley crop, as forecast at 3,990 million bushels, is at a new high, with the largest expansion in Western Europe. Acreage there was about 2.3 million acres larger than in 1962, which more than offsets smaller yields. Some increase is also reported for North America and Africa. Southern Hemisphere production is expected to be above the poor outturns in 1962, if growing conditions continue favorable.

World production of oats is forecast at 3,200 million bushels, well below the 3,435 million last year, and is the smallest world production of the past 50 years. Acreage continued its downward trend to reach the low figure of 79 million acres, in sharp contrast with the 1955-59 average of 117 million. Reductions from the 1955-59 average were noted for most areas of the world, but the two largest were in the Soviet Union and the United States. Reductions in those two countries alone would account for well over 80 percent of the decline.

World trade in these grains will be smaller than in 1962-63 as a result of reduced import requirements in Western Europe, the principal importer. A record barley crop in that area reduces import needs as does the existence of large supplies of low quality wheat which will be fit only for feeding.

BARLEY: Acreage, yield per acre, and production in specified countries, year of harvest  
average 1955-59, annual 1961-63 1/

Continent and country	Acreage 2/			Yield per acre 3/			Production		
	Average 1955-59	1961	1962	Average 1955-59	1961	1962	Average 1955-59	1961	1962
North America:									
Canada	8,971	5,529	5,287	26.5	20.4	31.4	237,926	112,640	165,888
United States	14,391	12,946	12,443	29.5	30.6	33.6	424,448	395,669	429,495
Mexico	594	576	583	14.3	13.9	13.6	8,500	8,000	7,950
Estimated total 5/	23,960	19,050	18,310	28.0	27.1	33.0	671,000	516,000	605,000
Europe:									
Austria	419	464	477	40.8	50.6	53.6	17,110	23,500	25,580
Belgium	299	299	319	63.4	62.8	71.9	14,520	18,770	22,930
Denmark	1,692	1,975	2,051	65.1	65.3	73.9	110,090	129,000	151,520
Finland	518	497	508	29.0	33.8	24.4	15,010	16,800	12,400
France	4,452	5,582	5,292	44.4	44.5	51.1	197,890	248,600	270,670
Germany, West	2,142	2,768	2,813	52.1	45.2	61.1	111,700	125,000	163,508
Greece	491	456	459	22.3	23.7	25.2	10,950	10,800	11,570
Ireland	279	362	406	57.7	65.5	68.7	16,110	23,700	27,670
Italy	571	543	518	23.2	23.6	25.3	13,240	12,800	13,100
Netherlands	183	253	247	70.9	69.9	80.2	12,970	17,690	19,800
Norway	312	380	405	41.3	51.7	38.9	13,480	19,640	15,740
Portugal	370	314	314	10.4	7.6	15.3	3,850	2,400	4,800
Spain	3,785	3,583	3,472	21.8	22.4	27.7	82,470	80,100	99,300
Sweden	655	885	914	40.9	51.4	46.7	26,760	45,500	44,500
Switzerland	63	72	87	54.4	58.3	66.7	3,430	4,200	5,800
United Kingdom	2,611	3,828	3,980	56.8	60.6	67.6	148,200	232,100	269,000
Estimated total Western Europe 5/	18,800	22,250	22,400	42.6	45.4	52.1	800,000	1,012,000	1,167,000
Bulgaria	656	650	--	28.6	30.8	--	18,770	20,000	--
Czechoslovakia	1,639	1,720	1,712	37.6	42.4	47.0	61,700	73,000	84,470
Germany, East	825	1,068	925	45.8	40.7	54.8	37,760	43,500	50,800
Hungary	1,172	1,289	1,354	31.8	35.1	38.9	37,280	45,200	52,530
Poland	1,857	1,660	1,639	28.9	36.6	36.7	53,630	61,500	60,400
Rumania	781	702	621	21.7	30.6	31.0	16,940	21,500	19,260
Yugoslavia	923	917	867	23.7	28.4	25.2	21,890	26,000	21,820
Estimated total Eastern Europe 5/	7,880	8,050	7,880	31.7	36.4	38.7	37.2	250,000	305,000
Estimated total all Europe 5/	26,680	30,330	30,280	39.4	43.0	48.6	1,050,000	1,305,000	1,472,000
U.S.S.R (Europe and Asia) 6/	25,000	33,100	40,500	--	18.4	17.8	--	440,000	720,000





OATS: Acreage, yield per acre, and production in specified countries, year of harvest, average, 1955-59, annual 1961-63 1/

Continent and country	Acreage 2/			Yield per acre 3/			Production		
	Average : 1955-59 :	1961 : acres :	1962 : acres :	Average : 1955-59 :	1961 : acres :	1962 : acres :	Average : 1955-59 : bushels :	1961 : bushels :	1962 : bushels :
North America:									
Canada 5/	9,716	8,543	10,591	38.6	33.2	46.6	374,764	283,965	493,610
United States	33,093	23,994	22,934	38.6	42.2	45.0	1,278,145	1,011,398	1,031,743
Mexico	231	210	211	23.0	22.3	20.6	5,308	4,685	4,340
Estimated total 6/	43,040	32,750	33,740	38.6	39.7	45.3	1,660,000	1,300,000	1,530,000
Europe:									
Austria	447	384	372	53.1	60.2	61.6	23,740	23,100	22,900
Belgium	365	337	309	86.2	90.9	95.1	31,470	30,620	29,400
Denmark	575	483	405	89.1	97.6	103.6	51,210	47,120	41,960
Finland	1,111	1,169	1,127	43.3	55.5	37.7	48,160	64,830	42,500
France	4,424	3,562	3,313	50.7	50.1	53.9	224,270	178,500	178,430
Germany, West	2,211	1,787	1,990	70.8	73.8	80.8	156,630	131,800	160,700
Greece	355	324	326	31.0	32.6	32.7	11,000	10,550	10,660
Ireland	490	368	346	70.2	71.3	78.9	34,380	26,250	27,300
Italy	1,039	1,059	1,015	36.1	38.1	40.5	37,490	40,300	41,100
Luxembourg	49	40	42	59.0	69.0	60.7	2,890	2,760	2,550
Netherlands	368	305	294	87.3	97.4	108.8	32,140	29,710	32,000
Norway	157	153	131	59.4	78.2	56.1	9,320	11,970	7,350
Portugal	756	743	662	9.9	6.0	22.0	7,450	4,480	14,570
Spain	1,408	1,442	1,357	26.3	23.6	26.0	37,000	34,100	35,300
Sweden	1,299	1,405	1,275	45.2	66.4	58.7	58,750	93,300	74,860
Switzerland	48	37	36	80.2	88.4	99.4	3,850	3,270	3,580
United Kingdom	2,348	1,733	1,519	69.6	73.6	80.5	163,310	127,540	122,300
Estimated total Western Europe 6/	17,450	15,330	14,520	53.6	56.1	58.5	935,000	860,000	850,000
Bulgaria	394	425	--	28.8	30.6	--	11,340	13,000	--
Czechoslovakia	1,290	1,150	1,113	50.2	57.4	56.0	64,800	66,000	62,350
Germany, East	1,152	866	919	57.9	68.1	75.0	66,740	59,000	68,950
Hungary	374	273	208	37.6	35.2	38.2	14,080	9,600	7,950
Poland	4,139	3,959	3,915	40.7	51.3	48.2	168,640	203,000	188,880
Romania	833	602	428	27.6	31.4	26.9	22,960	18,900	11,500
Yugoslavia	880	877	766	27.4	34.0	27.4	24,090	29,800	21,010
Estimated total Eastern Europe 6/	9,120	8,200	7,790	41.1	48.8	48.1	375,000	400,000	375,000
Estimated total all Europe 6/	26,570	23,530	22,310	49.3	53.5	54.9	1,310,000	1,260,000	1,225,000
Estimated total all Europe 6/	26,570	23,530	22,310	49.3	53.5	54.9	1,310,000	1,260,000	1,225,000

U.S.S.R. (Europe and Asia) 1/	36,080	28,400	19,800	--	23.4	21.1	22.2	--	845,000	600,000	440,000	--
Asia:												
Turkey .....	866	1,018	1,013	--	29.3	29.5	30.6	--	25,406	30,000	31,000	--
Syria .....	19	7	--	--	24.0	28.6	--	--	456	200	--	--
China, Mainland .....	--	--	--	--	--	--	--	--	65,000	--	--	--
Japan .....	216	202	207	213	56.4	57.3	50.0	52.6	12,188	11,570	10,360	11,200
Estimated total 6/	4,610	4,990	4,900	4,790	22.8	20.0	21.4	21.9	105,000	100,000	105,000	105,000
Africa:												
Algeria .....	257	135	--	--	18.8	11.1	--	--	4,840	1,500	--	--
Morocco .....	69	65	60	74	22.8	15.4	29.8	30.7	1,570	1,000	1,790	2,270
Tunisia .....	55	--	--	--	12.0	--	--	--	660	--	--	--
Republic of South Africa .....	400	--	--	--	15.1	--	--	--	6,040	8,000	6,900	--
Estimated total 6/	830	800	780	780	18.1	16.2	17.9	17.9	15,000	13,000	14,000	14,000
South America:												
Argentina .....	2,016	1,608	1,010	--	32.1	30.4	32.1	--	64,620	48,900	32,380	--
Chile .....	259	278	282	--	30.8	27.4	31.8	--	7,970	7,610	8,960	--
Uruguay .....	189	213	199	--	14.8	20.8	19.6	--	2,798	4,440	3,900	--
Estimated total 6/	2,540	2,180	1,560	2,070	30.3	29.8	31.6	29.0	77,000	65,000	50,000	60,000
Oceania:												
Australia .....	3,183	3,095	3,270	--	20.0	22.3	21.1	--	63,630	68,910	68,880	--
New Zealand .....	39	35	28	--	62.3	67.4	68.6	--	2,430	2,360	1,920	--
Total Oceania .....	3,222	3,130	3,296	3,130	20.5	22.8	21.5	22.3	66,060	71,270	70,800	69,900
Estimated world total 6/	116,890	95,780	86,410	79,440	34.9	35.6	39.8	40.3	4,080,000	3,410,000	3,435,000	3,200,000

1/ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1963 is combined with preliminary forecasts for the Southern Hemisphere harvests which will begin late in 1963 and end early in 1964. 2/ Figures refer to harvested areas as far as possible. 3/ Yield per acre calculated from acreage and production data shown. 4/ Preliminary estimates for Northern Hemisphere countries; for Southern Hemisphere, preliminary forecasts based largely on acreage and weather conditions to date. 5/ Production and yield reported in bushels of 34 pounds. 6/ Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown. 7/ Unofficial estimates for production.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.



North America's production of barley and oats amounts to a little over a fourth of the world total. Production of the two was somewhat below the 1962 outturn because of the reduction in oats. Both the U.S. and Canada had somewhat smaller outturns of oats, mainly because of curtailed acreage; acreage was about a million acres less in each.

Barley production was slightly larger in North America, although it was still well below the 1955-59 average. Conditions varied within the area; Canada's acreage and yields were larger than in 1962 while U.S. acreage and yields were down. The net increase in production was about 2 percent..

Western Europe's production of these grains was about 4 percent above the 1962 total because of a record barley crop estimated at 1,245 million bushels. This is sharply above the 1955-59 average of 800 million bushels as a result of expanded acreage and higher yields. The current crop is about 80 million bushels above the previous record, last year. A substantial part of the winter-damaged wheat acreage was shifted to barley, especially in France and the United Kingdom, bringing the total for the area about 2 million acres above 1962 acreage.

Western Europe's oats acreage was moderately smaller than in 1962 but higher yields partly offset the loss in acreage and production was only 10 million bushels below the 1962 total. A sizable cut in the United Kingdom's acreage accounts for most of the reduction.

On the basis of preliminary reports, it appears that there were only slight changes in the production of these grains in Eastern Europe. Total production of barley is down 10 million bushels; this is partly offset by an estimated 5 million bushel increase in oats.

Firm figures are not available for the Soviet Union, but a substantial shift of oats acreage to barley is reported. Yields of both grains appear below average. Little change from the 1962 barley crop is indicated but a large decrease in oats production followed the sharp cut in acreage.

Asia's barley production is less than last year, mainly because of reduced crops in Iraq and Japan. Iraq, normally a surplus producing country, had a poor crop and can be expected to export little if any barley during 1963-64. Japan's crop was less than half an average harvest and this will mean increased import requirements this season. Oats production in Asia is estimated the same as in 1962.

Production of barley in Africa is tentatively set at 150 million bushels, well above 1962 and also above average. Larger outturns in Algeria and Morocco account for this increase. Production of oats is of minor importance in the area and a total of 14 million bushels is estimated for both 1962 and 1963.

No dependable indications are yet available for grain prospects in Southern Hemisphere countries. There, harvesting begins about the beginning of December and growing conditions up to that time will determine outturns.

Based on preliminary information, South America's barley production will be larger than the poor crop last year. Better prospects in Argentina account for the expected increase. Some increase is also expected for oats; Argentina's production last year was only half the 1955-59 average.

Little change is expected in Australia's 1963 production of these grains. No significant change from the 1962 acreage is reported and yield prospects are generally good, as they were last year.

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GRAIN  
FG 10-63  
November 1963

OCT 13 1964

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## EXPORTS OF U.S. COARSE GRAINS

### PRODUCTS DECLINE SLIGHTLY

Exports of U.S. coarse grain products during fiscal year 1962-63 decreased about 1 percent from the 533,000 metric tons shipped in 1961-62. However, coarse grains during the same period increased 5 percent over the 14.1 tons exported during 1961-62. Products of cornmeal, hominy and grits, cornstarch, oatmeal and barley malt, on a grain equivalent basis, totaled 528,000 tons in 1962-63 compared to 533,000 tons in 1961-62, 478,000 tons in 1960-61, and 473,000 tons in 1959-60.

Corn products.--Total corn product exports were 438,000 tons--a slight decrease from the 444,000 tons shipped during 1961-62. Corn meal accounted for 84 percent of total corn products exported, of which 337,000 tons were donated under Government programs to needy countries. Relief shipments went largely to Mexico, Brazil, Colombia, Egypt, India, Republic of Korea, and the Philippines. Cash sales of cornmeal decreased in total, with the largest markets still Canada and the Netherlands Antilles.

Hominy and grits exports increased 22 percent over the 29,000 tons shipped during 1961-62, and 27 percent more than the 26,000 tons for 1960-61. Japan was a new market because of a liberalization of import restrictions of corn.

Cornstarch shipments decreased 4 percent from the 36,000 tons exported during 1961-62, but were 2 percent higher than the amount exported in 1960-61. The greatest decrease was to the United Kingdom; this decline took place during the last half of the fiscal year.

COARSE GRAINS (grain equivalent): U.S. exports by country of destination, fiscal year 1962-63

Destination	Corn and products									Total
	Corn except seed	Corn seed: except sweet	Corn for relief	Corn meal	Hominy and grits	Corn starch	Corn meal: for relief			
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons			
North and Central America and Caribbean:										
Canada .....	1,671,950:	1,343:	117:	13,144:	15,329:	9,823:	26:	1,711,732		
Mexico .....	218,155:	157:	16,206:	92:	1,081:	602:	18,101:	254,394		
British Honduras .....	411:	--	27:	--	--	--	466:	904		
Canal Zone .....	--	1:	--	13:	--	1:	--	15		
Costa Rica .....	1,006:	11:	--	5:	--	635:	--	1,657		
El Salvador .....	2,676:	--	3,740:	25:	--	189:	2,912:	9,542		
Guatemala .....	17,295:	13:	--	37:	--	68:	1,484:	18,897		
Honduras .....	18:	--	--	6:	848:	181:	845:	1,898		
Nicaragua .....	11:	6:	1,835:	309:	31:	14:	2,241:	4,447		
Panama .....	3,565:	--	--	7:	33:	2,923:	1,436:	7,964		
Bahamas .....	1,369:	--	--	113:	2,478:	93:	--	4,053		
Barbados .....	1,647:	--	--	666:	--	1:	--	2,314		
Bermuda .....	25:	1:	--	30:	--	64:	--	120		
Dominican Republic .....	--	19:	1,057:	2,693:	--	2,385:	12,623:	18,777		
French West Indies .....	33:	--	--	86:	--	--	358:	477		
Haiti .....	--	--	--	--	--	25:	2,716:	2,741		
Jamaica .....	10,458:	1:	--	553:	--	1,932:	2,703:	15,647		
Leeward and Windward Islands .....	909:	--	--	205:	--	--	104:	1,218		
Netherlands Antilles .....	1,749:	1:	--	5,175:	192:	37:	--	7,154		
Trinidad and Tobago .....	5,573:	--	--	200:	--	127:	57:	5,957		
Total .....	1,936,850:	1,553:	22,982:	23,359:	19,992:	19,100:	46,072:	2,069,908		
South America:										
Argentina .....	--	16:	--	7:	--	112:	--	135		
Bolivia .....	--	--	--	29:	--	7:	--	36		
Brazil .....	600:	--	--	35:	--	384:	16,676:	17,695		
British Guiana .....	429:	--	--	--	27:	--	--	456		
Chile .....	--	5:	--	--	--	32:	6,251:	6,288		
Colombia .....	--	--	554:	--	35:	38:	17,954:	18,581		
Ecuador .....	--	--	114:	233:	--	882:	1,935:	3,164		
Paraguay .....	--	--	--	--	--	--	713:	713		
Peru .....	874:	1:	--	728:	--	1,765:	1,084:	4,452		
Surinam .....	569:	2:	--	143:	--	--	--	714		
Venezuela .....	307:	4:	--	--	7,324:	598:	2,336:	10,569		
Uruguay .....	--	2:	--	--	--	--	830:	832		
Total .....	2,779:	30:	668:	1,175:	7,386:	3,818:	47,779:	63,635		
Western Europe:										
EEC										
Belgium-Luxembourg .....	541,245:	187:	--	16:	--	282:	--	541,730		
France .....	7,637:	850:	--	32:	6:	349:	--	8,874		
Germany, West .....	500,478:	1,937:	--	100:	2,101:	145:	--	504,761		
Italy .....	775,471:	92:	--	--	--	127:	8,343:	784,033		
Netherlands .....	1,466,431:	556:	--	27:	--	20:	--	1,467,034		
EEC subtotal .....	3,291,262:	3,622:	--	175:	2,107:	923:	8,343:	3,306,432		
Denmark .....	63,293:	--	--	--	23:	3:	--	63,319		
Finland .....	47:	--	--	--	--	53:	--	100		
Greece .....	138,003:	--	114:	--	--	3:	8,633:	146,753		
Iceland .....	58:	--	--	1,219:	--	--	--	1,277		
Ireland .....	145,511:	--	--	--	--	4:	--	145,515		
Norway .....	78,256:	--	--	--	245:	1,925:	--	80,426		
Portugal .....	5:	42:	--	964:	--	--	1,889:	2,900		
Spain .....	818,674:	115:	--	36:	--	8:	--	818,833		
Austria .....	130,035:	5:	--	--	--	4:	--	130,044		
Sweden .....	7,425:	72:	--	--	1,014:	250:	12:	8,773		
Switzerland .....	49,176:	3:	--	--	--	164:	--	49,343		
United Kingdom .....	1,840,558:	35:	--	122:	93:	6,548:	--	1,847,356		
Malta .....	--	--	--	--	--	2:	--	2		
Trieste .....	19,924:	--	--	--	--	--	--	19,924		
Cyprus .....	4,062:	--	--	88:	--	--	169:	4,319		
Total .....	6,586,289:	3,894:	114:	2,604:	3,482:	9,887:	19,046:	6,625,316		
Eastern Europe:										
Czechoslovakia .....	--	--	--	--	--	--	--	--		
Hungary .....	--	2:	--	--	--	--	--	2		
Poland .....	41,427:	--	--	--	--	--	2,174:	43,601		
Rumania .....	--	--	--	--	--	--	--	--		
Yugoslavia .....	20,320:	116:	--	--	--	--	34:	20,470		
U.S.S.R. ....	--	2:	--	--	--	--	--	2		
Total .....	61,747:	120:	--	--	--	--	2,208:	64,075		
Total all Europe .....	6,648,036:	4,014:	114:	2,604:	3,482:	9,887:	21,254:	6,689,391		



COARSE GRAINS (grain equivalent): U.S. exports by country of destination, fiscal year 1962-63

Oats and products				Barley and products			Grain sorghums	Grand total all grains & products	Destination
Oats	Oatmeal		Total	Barley	Malt	Total			
	Bulk	Packaged							
Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	
183:	—	66:	249:	98,897:	8,090:	106,987:	2,878:	1,821,846:	Canada
181:	7,113:	226:	7,520:	23,650:	3,456:	27,106:	173,141:	462,161:	Mexico
6:	—	86:	92:	—	51:	51:	—	1,047:	British Honduras
—	—	6:	6:	—	—	—	—	21:	Canal Zone
—	44:	1,146:	1,190:	—	825:	825:	1,000:	4,672:	Costa Rica
—	—	309:	309:	—	1,391:	1,391:	—	11,242:	El Salvador
—	479:	304:	783:	—	519:	519:	6:	20,205:	Guatemala
—	13:	1,158:	1,171:	—	3,012:	3,012:	12:	6,093:	Honduras
—	551:	581:	1,132:	—	50:	50:	—	5,629:	Nicaragua
42:	—	823:	865:	—	2,533:	2,533:	—	11,362:	Panama
149:	4:	96:	249:	—	—	—	—	4,302:	Bahamas
—	—	—	—	—	54:	54:	—	2,368:	Barbados
—	—	9:	9:	—	—	—	—	129:	Bermuda
64:	22:	845:	931:	—	2,779:	2,779:	—	22,487:	Dominican Republic
—	—	6:	6:	—	—	—	—	483:	French West Indies
—	—	180:	180:	26:	—	26:	—	2,947:	Haiti
398:	5:	163:	566:	—	474:	474:	4,265:	20,952:	Jamaica
—	—	103:	103:	—	—	—	—	1,321:	Leeward and Windward Is.
—	—	334:	334:	—	5:	5:	102:	7,595:	Netherlands Antilles
57:	—	51:	108:	—	13:	13:	3,801:	9,879:	Trinidad and Tobago
1,080:	8,231:	6,492:	15,803:	122,573:	23,252:	145,825:	185,205:	2,416,741:	Total
									South America:
—	—	—	—	—	—	—	1,520:	1,655:	Argentina
—	—	79:	79:	—	—	—	—	115:	Bolivia
—	—	—	—	—	706:	706:	249:	18,650:	Brazil
—	—	—	—	—	217:	217:	—	673:	British Guiana
—	—	2:	2:	—	—	—	—	6,290:	Chile
—	974:	39:	1,013:	—	—	—	516:	20,110:	Colombia
—	—	91:	91:	—	303:	303:	47:	3,605:	Ecuador
—	—	2:	2:	—	—	—	—	715:	Paraguay
—	—	929:	929:	—	1,306:	1,306:	—	6,687:	Peru
—	71:	132:	203:	—	—	—	—	917:	Surinam
1,548:	306:	5,460:	7,314:	27:	27,032:	27,059:	32:	44,974:	Venezuela
—	—	—	—	—	—	—	17:	849:	Uruguay
1,548:	1,351:	6,734:	9,633:	27:	29,564:	29,591:	2,381:	105,240:	Total
									Western Europe:
									EEC
13,162:	—	—	13,162:	25,399:	—	25,399:	450,130:	1,030,421:	Belgium-Luxembourg
4,643:	—	—	4,643:	19,812:	—	19,812:	4,673:	38,002:	France
67,443:	—	—	67,443:	301,004:	—	301,004:	172,513:	1,045,721:	Germany, West
50,553:	—	—	50,553:	226,469:	—	226,469:	1,384:	1,062,439:	Italy
140,274:	25:	10:	140,309:	162,653:	—	162,653:	701,183:	2,471,179:	Netherlands
276,075:	25:	10:	276,110:	735,337:	—	735,337:	1,329,883:	5,647,762:	EEC subtotal
8,480:	—	2:	8,482:	45,162:	—	45,162:	61,237:	178,200:	Denmark
19,229:	—	—	19,229:	—	—	—	—	19,329:	Finland
—	—	—	—	—	—	—	16,162:	162,915:	Greece
24:	—	—	24:	2,341:	—	2,341:	—	3,642:	Iceland
—	—	—	—	—	—	—	—	145,515:	Ireland
3,201:	—	—	3,201:	10,313:	—	10,313:	102,535:	196,475:	Norway
—	—	—	—	—	—	—	—	2,900:	Portugal
—	—	—	—	7,112:	—	7,112:	559:	826,504:	Spain
—	—	—	—	38,837:	—	38,837:	29:	168,910:	Austria
3,516:	—	—	3,516:	1,626:	—	1,626:	254:	14,169:	Sweden
18,203:	—	—	18,203:	11,319:	—	11,319:	5,209:	84,074:	Switzerland
—	—	—	—	11,794:	—	11,794:	176,665:	2,035,815:	United Kingdom
9:	—	—	9:	—	—	—	—	11:	Malta
—	—	—	—	—	—	—	—	19,924:	Trieste
—	—	—	—	—	—	—	1,524:	5,843:	Cyprus
328,737:	25:	12:	328,774:	863,841:	—	863,841:	1,694,057:	9,511,988:	Total
									Eastern Europe:
—	—	—	—	—	—	—	2:	2:	Czechoslovakia
—	—	—	—	—	—	—	—	2:	Hungary
—	—	—	—	119,331:	—	119,331:	377,597:	540,529:	Poland
—	—	—	—	—	—	—	52:	52:	Rumania
—	—	—	—	—	—	—	—	20,470:	Yugoslavia
—	—	—	—	—	—	—	—	2:	U.S.S.R.
—	—	—	—	119,331:	—	119,331:	377,651:	561,057:	Total
328,737:	25:	12:	328,774:	983,172:	—	983,172:	2,071,708:	10,073,045:	Total all Europe



COARSE GRAINS (grain equivalent): U.S. exports by country of destination, fiscal year 1962-63 (Continued)

Destination	Corn and products								Total
	Corn except seed	Corn seed: except sweet	Corn for relief	Corn meal	Hominy and grits	Corn starch	Corn meal: for relief		
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons		
Africa:									
Algeria .....	—	—	—	—	—	—	3,327:	3,327	
Egypt .....	181,651:	—	—	—	—	3:	24,457:	206,111	
Libya .....	48:	—	—	—	5:	27:	—	80	
Madeira Islands .....	—	—	—	—	83:	—	—	83	
Morocco .....	—	—	—	—	—	28:	306:	334	
Tunisia .....	—	—	—	—	—	—	4,164:	4,164	
Ethiopia .....	30:	—	—	—	—	—	349:	379	
Angola .....	—	—	—	—	—	—	729:	729	
Congo, Republic of the .....	25,807:	—	—	881:	—	114:	5,095:	31,897	
British East Africa .....	28,224:	1:	—	—	—	3:	1,005:	29,233	
British West Africa .....	—	—	—	184:	—	—	1,802:	1,986	
Ghana .....	—	—	65:	—	—	1:	1,980:	2,046	
Liberia .....	34:	—	—	226:	—	64:	1,219:	1,543	
Nigeria and Cameroon .....	130:	—	—	8:	11:	8:	478:	635	
Mozambique .....	4:	—	—	43:	—	—	—	47	
Malagasy Republic .....	—	—	721:	—	—	—	—	721	
South Africa Republic .....	119:	5:	—	—	—	12:	—	136	
Sudan .....	—	—	—	—	10:	—	—	10	
Canary Islands .....	22,122:	—	—	194:	17:	5:	—	22,338	
Spanish Africa, n.e.c. ....	—	—	—	—	—	5:	—	5	
Somali Republic .....	2,500:	—	—	—	—	—	—	2,500	
Western Africa, n.e.c. ....	2,667:	—	—	1,763:	—	—	8,103:	12,533	
Total .....	263,336:	6:	786:	3,387:	38:	270:	53,014:	320,837	
Asia:									
Aden .....	47:	—	—	—	—	—	—	47	
Arabian Peninsula .....	5:	—	—	20:	—	—	—	25	
Bahrein .....	41:	—	—	12:	—	—	—	53	
Iran .....	92:	3:	—	—	—	9:	—	104	
Iraq .....	121:	7:	—	—	—	—	—	128	
Israel .....	156,329:	—	—	—	—	407:	60:	156,796	
Jordan .....	60:	—	22:	—	—	—	—	82	
Kuwait .....	294:	—	—	—	—	1:	—	295	
Lebanon .....	1,022:	—	—	—	—	43:	—	1,065	
Saudi Arabia .....	820:	—	72:	94:	5:	22:	17:	1,030	
Syria .....	16:	—	—	—	—	—	—	16	
Turkey .....	14,569:	—	506:	—	—	—	44:	15,119	
Ceylon .....	11:	—	—	—	—	84:	—	95	
Taiwan .....	13,219:	—	72:	—	—	28:	—	13,319	
Hong Kong .....	94:	4:	—	—	—	26:	482:	606	
India .....	88,217:	—	1,777:	101:	—	—	36,416:	126,511	
Indonesia .....	—	—	169:	—	—	83:	64:	316	
Japan .....	825,646:	20:	—	—	4,970:	14:	39:	830,689	
Korean Republic .....	44,209:	2:	—	—	—	—	97,004:	141,215	
Malaya and Singapore .....	141:	—	64:	—	—	—	158:	363	
Pakistan .....	29,385:	1:	1,249:	—	14:	7:	126:	30,782	
Philippines .....	242:	6:	462:	—	—	98:	21,344:	22,152	
Macao .....	—	—	—	—	—	—	322:	322	
Thailand .....	—	—	—	—	—	4:	—	4	
Vietnam .....	14,869:	—	165:	88:	—	17:	12,643:	27,782	
Burma .....	—	—	—	—	—	—	34:	34	
Laos .....	—	—	—	—	—	—	21:	21	
Nansei Islands .....	34:	—	—	—	—	127:	515:	676	
Total .....	1,189,483:	43:	4,558:	315:	4,989:	970:	169,289:	1,369,647	
Oceania:									
Australia .....	—	—	—	—	—	272:	34:	306	
New Zealand .....	—	18:	—	—	—	72:	—	90	
British Western Pacific Islands .....	—	—	—	—	—	—	36:	36	
French Pacific Islands .....	—	—	—	—	—	4:	—	4	
Trust Territory of the Pacific Is. ....	5:	—	—	—	—	4:	—	9	
Total .....	5:	18:	—	—	—	352:	70:	445	
World total .....	10,040,489:	5,664:	29,108:	30,840:	35,887:	34,397:	337,478:	10,513,863	
Equivalent, 1,000 bushels .....	395,273:	223:	1,146:	1,214:	1,413:	1,354:	13,286:	413,908	

COARSE GRAINS (grain equivalent): U.S. exports by country of destination, fiscal year 1962-63 (Continued)

Oats and products				Barley and products				Grain	Grand total	Destination
Oats	Oatmeal		Total	Barley	Malt	Total		sorghums	all grains & products	
	Bulk	Packaged								
Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	
										:Africa:
--	--	--	--	--	--	--	--	--	3,327	Algeria
--	--	--	--	--	--	--	--	--	206,111	Egypt
12:	--	--	--	12:	--	--	--	--	92	Libya
--	--	--	--	--	--	--	--	--	83	Madeira Islands
--	--	--	--	--	--	--	--	--	334	Morocco
--	--	--	--	--	13,177	--	13,177	--	17,341	Tunisia
--	--	--	50:	50:	--	--	--	--	429	Ethiopia
--	--	--	20:	20:	--	--	--	--	749	Angola
--	--	--	264:	264:	572:	11,160:	11,732:	--	43,893	Congo, Republic of the
--	--	--	14:	14:	--	--	--	689:	29,936	British East Africa
--	6:	--	--	6:	--	--	--	--	1,986	British West Africa
--	10:	--	--	10:	--	--	--	--	2,056	Ghana
9:	38:	61:	108:	--	--	--	--	9:	1,660	Liberia
--	--	23:	23:	--	--	--	--	--	658	Nigeria and Cameroon
--	--	--	--	--	--	--	--	--	47	Mozambique
--	--	--	--	--	--	--	--	--	721	Malagasy Republic
13:	--	96:	109:	--	--	--	--	646:	891	South Africa Republic
--	--	--	--	--	--	--	--	--	10	Sudan
--	--	--	--	--	--	--	--	--	22,338	Canary Islands
--	--	--	--	--	--	--	--	--	5	Spanish Africa, n.e.c.
--	--	--	--	--	--	--	--	2,496:	4,996	Somali Republic
--	--	--	--	--	--	--	--	22,143:	34,676	Western Africa, n.e.c.
34:	54:	528:	616:	13,749:	11,160:	24,909:	25,983:	372,345:		Total
										:Asia:
--	--	--	--	--	--	--	--	--	47:	Aden
--	--	--	--	--	--	--	--	16:	41	Arabian Peninsula
--	--	2:	2:	36:	--	36:	--	--	91	Bahrein
--	--	17:	17:	9,997:	--	9,997:	--	--	10,118	Iran
--	--	--	--	--	--	--	--	--	128	Iraq
--	--	--	--	13,543:	--	13,543:	131,806:	--	302,145	Israel
--	--	--	--	--	--	--	--	--	19,081	Jordan
--	--	--	--	--	--	--	--	--	295	Kuwait
--	--	30:	30:	--	--	--	--	--	1,095	Lebanon
--	--	231:	231:	--	--	--	--	--	1,261	Saudi Arabia
--	--	4:	4:	--	--	--	--	--	20	Syria
--	--	--	--	--	--	--	--	--	15,119	Turkey
--	--	--	--	--	--	--	--	--	95	Ceylon
--	--	--	--	10,793:	--	10,793:	--	--	24,112	Taiwan
--	--	--	--	--	--	--	--	46:	652	Hong Kong
--	--	4:	4:	--	--	--	--	--	126,515	India
--	--	--	--	--	--	--	--	--	316	Indonesia
78:	--	22:	100:	--	1,553:	1,553:	566,348:	1,398,690:		Japan
--	--	--	--	242,917:	--	242,917:	15,309:	309,441:		Korean Republic
--	--	--	--	--	--	--	--	--	363	Malaya and Singapore
--	4:	12:	16:	7,316:	--	7,316:	--	--	38,114	Pakistan
45:	--	488:	533:	21:	--	21:	108:	22,814:		Philippines
--	--	--	--	--	--	--	--	--	322	Macao
--	--	--	--	--	--	--	--	--	4	Thailand
--	--	10:	10:	--	--	--	--	--	27,792	Vietnam
--	--	--	--	--	--	--	--	--	34	Burma
--	--	--	--	--	--	--	--	--	21	Laos
--	--	4:	4:	--	--	--	--	--	680	Nansei Islands
123:	4:	824:	951:	284,623:	1,553:	286,176:	732,632:	2,389,406:		Total
										:Oceania:
--	--	--	--	--	--	--	--	--	306:	Australia
--	--	--	--	--	--	--	--	--	90:	New Zealand
--	--	--	--	--	--	--	--	--	36:	British Western Pacific Is.
--	--	30:	30:	--	--	--	--	--	34	French Pacific Islands
--	--	--	--	--	--	--	--	--	9	Trust Territory of the Pac.Is.
--	--	30:	30:	--	--	--	--	--	475:	Total
331,522:	9,665:	14,620:	355,807:	1,404,144:	65,529:	1,469,673:	3,017,909:	15,357,252:		World total
22,840:	666:	1,007:	24,513:	64,491:	3,010:	67,501:	118,809:			:Equivalent, 1,000 bushels

Oatmeal.--Exports of oatmeal (bulk and packaged) decreased 32 percent from the 36,000 tons shipped in 1961-62 and 34 percent from the 1960-61 level. This downward trend is the result of smaller supplies and higher prices in the United States.

Barley malt.--Malt shipments increased 23 percent over the 53,000 tons exported in 1961-62, and 10 percent over the 59,000 tons in 1960-61. Venezuela and the Republic of the Congo continued to be the major markets for export.





UNITED STATES DEPARTMENT OF AGRICULTURE

WASHINGTON, D. C. 20250

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RECORD WORLD CORN

PRODUCTION FORECAST

The 1963 world corn crop is at an unprecedented level, according to preliminary estimates of the Foreign Agricultural Service. The world total promises to exceed 8 billion bushels; the previous record was 7.6 billion in 1960.

Larger harvests are reported for most areas and the current estimate is 540 million bushels more than the 1962-63 total. About 390 million bushels of that increase is in the United States alone. France contributed the next largest single increase and the above two countries account for 85 percent of the increase over last year.

The forecast of 8 billion bushels of corn, combined with earlier forecasts for barley and oats, indicates that the world total production of those three feedgrains is at a new high of over 370 million short tons, compared with 357 million a year ago and the 1955-59 average of 325 million. The current high level results from record crops of both corn and barley, more than offsetting smaller outturns of oats. In addition to the three feed grains, U.S. production of 526 million bushels of grain sorghums adds to the supply of feed grains available for export.

World import demand for feed grains may be slightly larger than in 1962-63. Japan's requirements are expected to be larger and reduced harvests in the Soviet Union and parts of Eastern Europe may increase requirements.

North America's corn production is estimated at 4,368 million bushels, some 400 million bushels or 10 percent above the 1962 total. Record harvests in the United States and Mexico account for the increase. The U.S. crop of 4,033 million bushels of corn for grain is slightly more than half the estimated world total and is 125 million bushels above the previous record



Continent and country	Acreage 2/				Yield per acre 3/				Production			
	Average : 1955-59	1961 :	1962 :	1963 4/ :	Average : 1955-59	1961 :	1962 :	1963 4/ :	Average : 1955-59	1961 :	1962 :	1963 4/ :
	acres	acres	acres	acres	Bushels	Bushels	Bushels	Bushels	bushels	bushels	bushels	bushels
North America:												
Canada .....	514	400	421	:	59.8	73.0	76.0	65.5	30,718	29,208	32,025	32,772
United States 5/ .....	66,409	58,449	56,842	:	48.7	62.0	64.1	66.2	3,234,891	3,625,530	3,643,615	4,033,033
El Salvador .....	431	382	522	--	14.5	14.8	17.3	--	6,240	7,490	9,050	--
Guatemala .....	1,549	1,655	1,695	--	11.7	13.2	13.6	--	17,500	20,400	22,460	--
Honduras .....	822	915	988	--	11.3	12.1	12.1	--	9,634	11,100	11,950	--
Mexico .....	14,292	15,792	15,814	:	13.3	13.9	13.6	14.6	190,630	218,920	214,560	235,000
Nicaragua .....	369	359	--	--	12.5	13.4	--	--	4,620	4,800	4,900	--
Cuba .....	432	--	--	--	15.7	--	--	--	6,800	--	--	--
Estimated total 6/ .....	85,800	79,270	78,030	:	41.0	49.7	50.7	53.1	3,515,000	3,940,000	3,960,000	4,366,000
Europe:												
Austria .....	125	127	134	:	47.0	61.5	56.7	47.4	5,874	7,810	7,600	7,010
France .....	1,455	2,410	2,139	:	41.8	40.4	34.4	59.2	60,766	97,260	73,460	144,160
Greece .....	537	481	440	:	488	22.1	23.8	24.4	10,274	10,640	10,490	11,890
Italy .....	3,272	3,170	2,769	:	2,772	42.6	48.9	46.4	139,282	155,000	128,400	147,240
Portugal .....	1,187	1,223	1,223	:	1,211	20.3	23.7	22.3	17,772	24,880	28,940	26,990
Spain .....	934	1,104	1,097	:	1,166	34.5	33.0	33.8	32,179	42,000	36,220	39,370
Estimated total Western Europe 6/ .....	7,540	8,540	7,840	:	8,260	39.8	37.0	46.0	267,000	340,000	290,000	360,000
Albania .....	357	--	--	--	19.0	--	--	--	6,780	--	--	--
Bulgaria .....	1,787	1,568	1,570	--	22.6	28.7	31.8	--	40,340	45,000	50,000	--
Czechoslovakia .....	434	497	497	:	495	41.6	37.3	--	17,670	20,700	18,540	--
Hungary .....	3,194	3,310	3,185	:	3,217	32.3	40.1	--	115,600	107,000	127,600	--
Rumania .....	8,764	8,470	7,677	:	8,547	25.4	25.3	--	180,000	215,000	194,000	--
Yugoslavia .....	6,227	6,202	6,079	:	6,000	28.9	34.1	33.3	185,502	179,000	207,500	200,000
Estimated total Eastern Europe 6/ .....	20,910	20,500	19,420	:	20,350	26.3	31.2	30.2	550,000	575,000	605,000	615,000
Estimated total all Europe 6/ ....	28,450	29,040	27,260	:	28,610	31.5	32.8	34.8	817,000	915,000	895,000	995,000
U.S.S.R. (Europe and Asia) 7/ .....	11,925	17,700	17,300	--	--	28.2	22.3	--	320,000	500,000	385,000	--
Asia:												
Turkey .....	1,737	1,742	1,648	:	1,648	22.6	15.5	19.4	30,690	39,400	25,600	31,900
China, Mainland .....	--	--	--	--	--	--	--	--	435,000	--	--	--
India .....	9,949	11,103	11,316	:	11,500	15.1	15.7	15.4	128,100	168,060	177,940	177,150
Indonesia .....	5,611	6,220	7,758	:	8,154	14.8	16.4	16.9	82,850	90,500	127,430	137,800
Japan 7/ .....	121	107	104	:	101							

Africa:												
Morocco .....	1,147	1,000	1,104	1,143	10.1	7.1	12.4	13.7	11,622	7,100	13,680	15,620
U.A.R., Egypt .....	1,921	1,868	1,901	1,920	33.3	28.7	41.6	44.1	63,916	53,540	79,150	84,640
Angola .....	1,453	--	--	--	8.4	--	--	--	12,220	12,000	--	--
Congo (Leopoldville) .....	1,182	--	--	--	16.7	--	--	--	19,686	--	--	--
Kenya &/ .....	500	--	--	--	26.2	--	--	--	13,110	--	--	--
Malagasy Republic .....	204	247	--	--	13.0	14.3	--	--	2,643	3,540	3,620	--
Federation of Rhodesia and Nyasaland:	2,960	--	--	--	17.6	--	--	--	52,000	80,000	75,000	--
Former French West Africa .....	1,705	--	--	--	9.6	--	--	--	16,316	--	--	--
South Africa, Republic of .....	9,540	9,900	--	--	14.9	22.3	--	--	141,946	220,320	230,500	--
Estimated total 6/ .....	28,750	30,010	30,510	30,890	16.0	18.7	20.6	21.0	460,000	560,000	630,000	650,000
South America:												
Argentina .....	5,855	6,845	6,464	--	29.7	30.7	27.8	--	173,710	210,000	180,000	--
Brazil .....	15,152	17,724	18,103	--	19.7	21.1	22.1	--	299,000	373,400	400,000	--
Chile .....	169	184	180	--	28.2	34.0	33.4	--	4,762	6,250	6,010	--
Colombia .....	1,585	1,754	1,730	1,643	19.0	16.4	17.2	17.7	30,170	28,840	29,660	29,130
Ecuador .....	481	490	490	494	12.3	11.6	11.1	11.9	5,900	5,450	5,900	5,900
Peru .....	605	626	658	672	19.1	21.4	20.8	21.4	11,530	13,390	13,700	14,370
Uruguay .....	777	660	588	--	8.9	9.2	13.7	--	6,920	6,100	8,040	--
Venezuela .....	702	960	1,194	--	19.1	17.2	17.8	--	13,380	16,500	21,280	20,700
Estimated total 6/ .....	26,020	30,030	30,190	30,130	21.5	22.5	22.5	21.6	560,000	675,000	680,000	650,000
Oceania:												
Australia .....	180	211	212	215	31.7	35.3	26.9	--	5,700	7,450	5,700	--
New Zealand .....	6	7	8	9	55.3	77.9	68.8	57.8	332	545	550	520
Estimated total 6/ .....	190	220	225	230	32.1	36.8	28.2	33.0	6,100	8,100	6,350	7,600
Estimated world total 6/ .....												
Estimated world total 6/ .....	227,790	239,800	238,660	244,550	28.4	31.1	31.3	32.8	16,470,000	17,460,000	18,450,000	19,020,000

1/ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which follow; thus, the crop harvested in the Northern Hemisphere in 1963 is combined with preliminary forecasts for the Southern Hemisphere harvest which will begin early in 1964. 2/ Figures refer to harvested area as far as possible. 3/ Yield per acre calculated from acreage and production data shown. 4/ Preliminary estimates for Northern Hemisphere countries; for the Southern Hemisphere, preliminary forecasts. 5/ New series covering corn for grain only. 6/ Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown. 7/ Dried corn only. 8/ Production on European holdings only. Allowances for native cultivation, not shown, are included in estimated total for Africa.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source material, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.

in 1960. Harvested acreage was 8 percent below the 1955-59 average but record yields more than offset the decline in acreage.

Mexico's production of 235 million bushels was harvested from 16.1 million acres with average yields of 14.6 bushels per acre, contrasted with the U.S. average of 66.2 bushels. Canada, the third largest producer also has high yields, averaging 65.5 bushels per acre, but acreage is small and production was about 33 million bushels.

Western Europe's corn production was at a new high mainly because of France's increase, which brought production there almost double the above-average 1962 harvest. A substantial increase in Italy accounts for the remainder of the gain.

Corn production in Eastern Europe appears to be changed only slightly from the above-average 1962 outturn despite an estimated 5 percent increase over 1962 acreage. Reliable estimates are not yet available but above average outturns are estimated for the three leading producers, Yugoslavia, Rumania and Hungary.

The Soviet Union's 1963 crop of corn for grain is estimated to show little change from 1962. Acreage has been increased about 45 percent since the 1955-59 period but yields were somewhat below average both this year and last.

Corn production in Asia set a new record this year and is 22 percent above the 1955-59 average. Record or near-record harvests in India, Indonesia, the Philippines, Thailand and Turkey brought the total to a new high. Acreage was slightly smaller than in 1962 but still considerably above average. Thailand's acreage has more than tripled since the average period and a good part of the increased production is being exported to Japan.

African corn production is expected to be larger than in 1962 and considerably above the average. Although it is too early for firm estimates for South Africa, prospects are favorable and the Republic of South Africa expects a larger outturn than in 1962-63. If present prospects materialize that country will account for more than a third of Africa's total. Egypt, the second largest producer, reports a record harvest. Acreage was average but yields were the largest ever reported.

As was the case for South Africa, corn in other Southern Hemisphere countries is in the early growth stage and conditions up to March/April will determine final returns. Thus, forecasts for these countries are subject to considerable revision as the growing season advances.

South America's present outlook is for a smaller crop than last year because of an expected drop in Brazil's production. The record harvest there last year amounted to 59 percent of South America's total corn production. The outlook for the coming harvest is less favorable because of widespread drought, which has held up corn planting.

Corn is of minor importance in Oceania. The outlook is for an above average crop there this season.

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